



UNIVERSITY OF  
PORTSMOUTH



# Principles for Responsible Management Education UNIVERSITY OF PORTSMOUTH SIP 2020

Faculty of Business and Law

2018-2019

Report N° 4

# Executive summary

Since 2011, the Faculty of Business and Law (Formerly Portsmouth Business School), proudly shares progress against the 6 PRME principles with a continuous development approach that engages staff and students as well as local and global communities. This, our fourth report covers the period Jan 2018 - Dec 2019.

In that time, the Faculty of Business and Law has:

- Integrated modules embedding ethics, responsibility and sustainability (ERS) in all of our undergraduate and postgraduate courses.
- Reflected our commitment to PRME agenda with the new Hallmarks of the Portsmouth Graduates, where Hallmark 6 is “a sense of responsibility allied to a commitment to ethical practice and social justice issues, such as equality, respect and sustainability”. By including responsibility as a Hallmark, all students must engage in at least one module (either core or optional) embedding ethics, sustainability and responsibility in their learning.
- Increased transparency, accountability and measurement of progress through our reporting, with the introduction in this PRME report of a metric-based approach in addition to a narrative approach and enhanced reporting in contributions to SDGs.
- Continued the engagement of our students with small enterprise through the business consultancy project. Each year this project has engaged more than 700 students in pro-bono consultancies with small business.
- Doubled the number of students involved in our Accounting in the Community project, from 30 in 2018 to 65 in 2019. This project engages our law students in pro-bono delivery of advice in law. It allows third sector organizations and the general public to access support and guidance out of their financial reach
- Expanded our contribution to facilitate and initiate dialogue and discussions in PRME related topics among educators and students through 69 SDG related research seminars delivered by staff and guest speakers, and 5 Business and Law Sustainability workshops engaging academics, stakeholders and community.
- Strengthened numbers of doctoral students engaged with PRME related topics, with 33 students (out of the 68 students registering during 2018-2019) developing thesis related to SDGs, and one Faculty bursary awarded leading to a cluster of PhDs researching SDGs in Sub Saharan’s Africa.
- Continued our ongoing relationship with organisations such as Business in the Community (BiTC) and Globally Responsible Leadership Initiatives (GRLI), which inspire and inform a regular commitment within our activities.
- Hosted the prestigious Fair-Trade International Symposium (FTIS) in 2018. FTIS is the leading global gathering for scholars, practitioners and policymakers working on Fair Trade.
- Lead the creation of the University of Portsmouth Centre for Blue Governance (CBG) in November 2019; a 40-members strong cross-faculty centre administered by the Faculty of Business and Law that is already setting the agenda for the governance of aquatic systems.

- Enhanced our strategic outlook in support of PRME through recent key appointments and promotions within the Faculty renewing focus and commitment to the PRME principle. This resulted in the appointment of our new reader in Project management, who leads UK-wide initiatives in responsible project management, and the promotion of our new Professor in Economics and Director of the Centre for Blue Governance.
- Substantially contributed to the University of Portsmouth's five thematic research areas, notably in terms of:
  - Democratic Citizenship, with our work in gender equality and human rights;
  - Sustainability and the Environment with our work in governance of the oceans, circular economy and plastics, food security and sustainable consumption and production;
  - Future and Emerging Technologies, with our work in innovation in product development and packaging.
- Provided knowledge to advance implementation of all of the UN Sustainable Development Goals with an outstanding 242 studies relating to SDGs published in peer-reviewed academic outlets, including Science. These outputs show strong cumulative knowledge in five main SDGs: SDG 8, SDG 10, SDG 12, SDG 14 and SDG 16.
- Continued the engagement of doctoral students with PRME related topics, with 33 students (out of the 68 students registered in 2018-2019) developing thesis related to SDGs.
- Contributed to facilitate and initiate dialogue and discussions in PRME related topics among educators and students through 69 SDG related research seminars delivered by staff and guest speakers, and 5 Sustainability workshops engaging academics, stakeholders and community.
- Succeeded in capturing funding and developing partnerships for projects in SDG related topics. The Faculty of Business and Law is the managing unit for several grants that contribute to progress towards SDGs awarded during 2018-2019, either sole to the Faculty or in collaboration with other faculties. SDG-related funding amounted to £ 3,214,489 and represented 79% of total funding won by the Faculty of Business and Law in the period considered in this report
- Galvanized efforts to obtain overseas funding for international and interdisciplinary multi-stakeholder initiatives promoting SDGs. The Faculty is the lead UK partner in two major projects SDG related projects funded by the Interreg-2-Seas European funding scheme. Plasticity - Resourcing Plastics from the City (over 5 million euros and 18 partners working to develop new technologies and business models for plastic recycling) and AWE- Accelerating Women Enterprise (over 2.5 million euros to empower more than 700 disadvantaged women with training in business skills for start-ups)
- Secured European funding to support our world-leading research in blue governance with 4 grants awarded in 2018-2019 bringing over £ 2.5 million to the Faculty.
- Garnered international recognition for gender equality research conducted by our Professor of Organization Studies who was awarded the Julia J. Henderson International Award from the American Society of Public Administration.

- Received internal funding for the implementation of eight projects aimed to build partnerships aiming to address sustainable development challenges in developing economies.
- Built partnerships with business through 3 knowledge transfer partnerships awarded a total of over £ 700,000.

PRME report team: Diego Vazquez-Brust and Maya Zita Piccinni

# Table of Contents

Executive summary.....	2
Our commitment to PRME.....	6
Context - The University of Portsmouth .....	8
Faculty of Business and Law Introduction.....	14
Faculty of Business and Law current Accreditations and Awards .....	17
Reporting against Sustainable Development Goals.....	19
Faculty of Business and Law Highlights .....	20
Principle 1   Purpose .....	21
Principle 2   Values .....	25
Principle 3   Method.....	31
Principle 4   Research.....	33
Principle 5   Partnership .....	56
Principle 6   Dialogue .....	61
Assessment of Progress .....	69
Future perspectives and key objectives.....	71

## Our commitment to PRME

It is my pleasure, once again, to endorse the work of our staff and students within the Faculty of Business and Law for upholding the Principles of Responsible Management Education, of such relevance in the challenging times we are experiencing.

Over the past two years since I last reported, our University has moved from strength to strength guided by our Values. We have a new Strategy and a bold new Vision that, by 2030, we will be the UK's top modern University and one of the top 100 young Universities in the world. Everything we do will be geared to realize this Vision.



Core elements of our Vision are to engage every student in a life-changing experience, to deliver globally-recognised research and innovative solutions that improve society, to lead in environmental sustainability, and to become one of the UK's leading civic Universities.

The Faculty of Business and Law will have a key role in delivering these, and indeed all elements of our Vision, and already it is doing tremendous work. I am immensely proud to see our Business, Accountancy and Law students continue working with staff as partners delivering highly regarded Law advisory clinics, Accounting Audits and Business Consultancy making a positive difference within our local community, SMEs and charities. '#BusinessTalk' events held every year and are provided for free covering areas including practical challenges of responsible business.

The collaborative conference with Business in the Community places students at the centre of raising awareness of responsible management within the wider University and partnering businesses and works alongside the 'University 2 Business' event where it throws open the doors to its labs, equipment and know-how for the business community. Students at the Faculty of Business and Law and wider society have benefited from continuous integration of sustainability, responsibility and ethics in curricula, and from cutting-edge research in a palette of topics relevant to the advancement of United Nations Sustainable Development Goals.

Paramount among these topics is governance of resources in the Ocean, a research area where pioneering work of staff in the Faculty of Business and Law opened avenues for cross-faculty and international collaboration resulting in the newly created University of Portsmouth Centre for Blue Governance (CBG).

The CBG was established in September 2019 to serve as a cross-faculty research centre to draw on individual expertise and facilitate interdisciplinary collaboration in addressing theoretical and applied aspects of sustainable use of the aquatic systems. Currently, there are over 40 members who tackle current research themes but also set an agenda of new research areas.

In other areas staff at the Faculty have delivered ground-breaking research and took a leading role in international partnerships including circular economy, covering aspects from social exclusion to innovative circular plastic value chains targeting “lost plastics”; human rights and development; gender equality and gender-empowering education; wildlife protection; safe food supply chains, responsible innovation, responsible project management; sustainable production and consumption and ethical leadership.

Over the next 10 years as we realize the University's Vision we will continue to advance these agendas, and develop our students as future leaders and employees.

Graham Galbraith



Vice-Chancellor, University of Portsmouth

# Context - The University of Portsmouth

Our Faculty is part of a vibrant University committed to be the 1<sup>st</sup> UK's top modern university and one of the top 100 young Universities in the world, that embeds sustainability and responsibility in all its endeavors. Examples include:

## New sustainable and responsible Buildings

*"The design is an outstanding example of a sustainable and environmentally responsible building. It will enable us to become a centre for collaboration, creativity, innovation and above all inspiration and interaction"*

Professor Graham Galbraith, Vice-Chancellor of the University of Portsmouth



### New academic building



*"We have echoed the brief's ambitions to establish a careful balance of environmental, economic and social sustainability."*

Andy Theobald, Partner At Fcbstudios

### New sports center



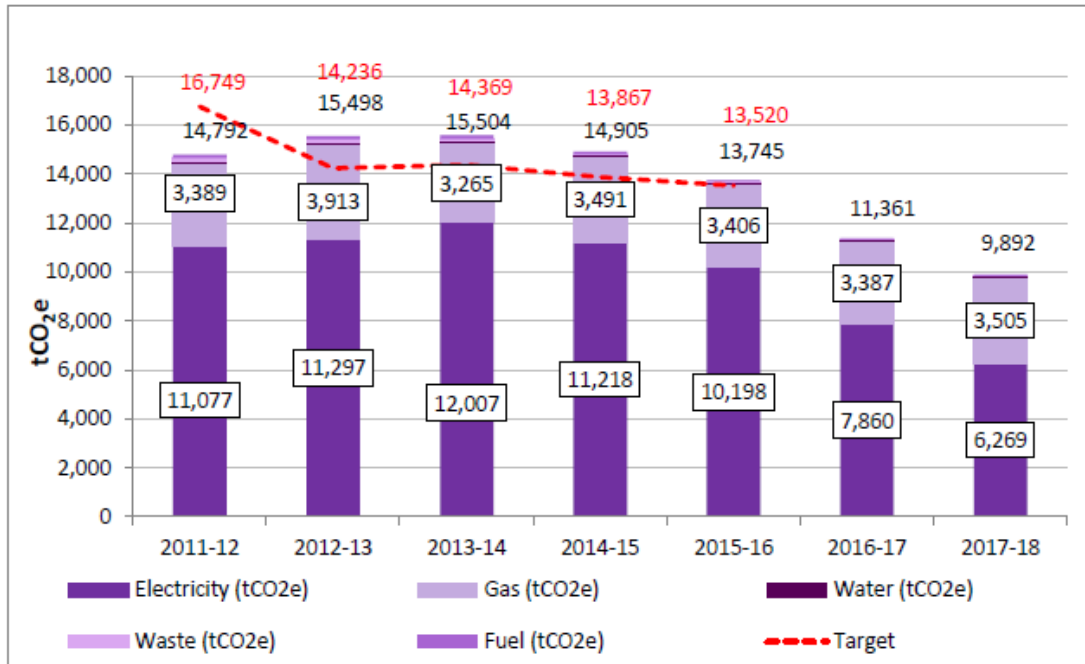
*"This new building will not only be a striking landmark for the city but is poised to set the bar high with its ambitious environmental credentials."*

Alec Jackman, Business Unit Director of Wates Construction Southern Home Counties



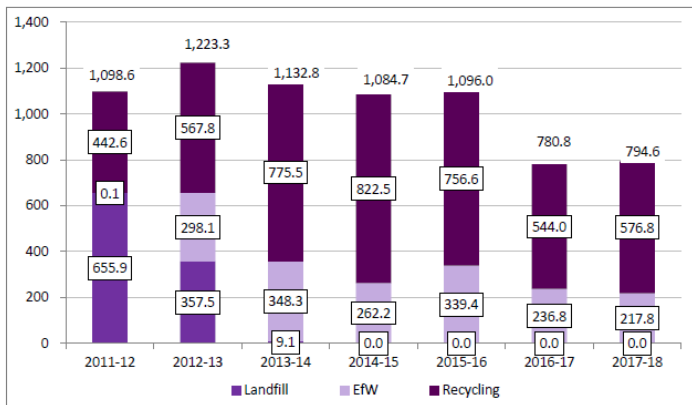
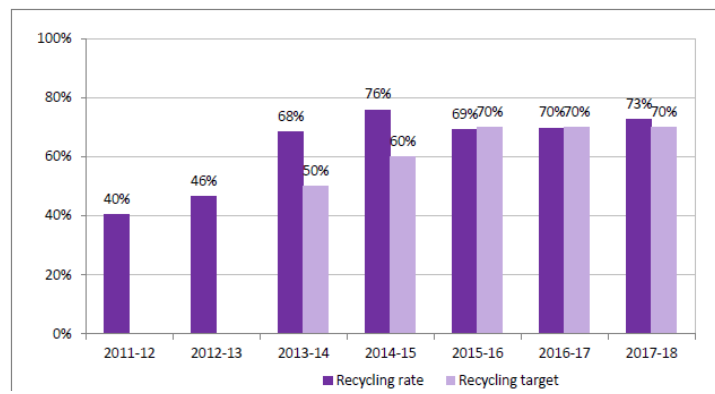


## Fighting climate change with reduced carbon emissions and improved waste management



University's carbon emissions in tones CO<sub>2</sub> equivalents. Measures as a combination of Direct emissions (e.g. Onsite gas consumption), Indirect energy emissions (e.g. Electricity production) and Other Indirect emissions (e.g. Disposal of waste) compared to the target line (combination of reduction projects and forecast changes to the estate).

Recycling rate for all waste produced by the University (excluding construction waste)



Tons of waste produced by the University in each academic year (excluding construction waste).

## World-class cross-faculty research (related to PRME)

“ The Climate Action Board will work on behalf of all city residents to make our city a leader in climate action, including cutting unnecessary carbon emissions and reducing wasted energy, which will create savings for all of us.

Professor Steve Fletcher, Chair of the Portsmouth Climate Action Board

**PROFESSOR TO LEAD A NEW GROUP TO HELP PORTSMOUTH TO BECOME A LEADING LIGHT ON CLIMATE ACTION**

“ This is a very prestigious initiative and we are very happy to be funded for the next three years to tackle the challenge of urban transitions to develop international connections and collaborations worldwide on the food, water, energy nexus approach.

Professor Steffen Lehmann, Cluster for Sustainable Cities

**SUSTAINABLE CITY PROJECT WINS 1.6 MILLION EURO FUNDING**

“ I am deeply honoured to receive this award. I am particularly humbled that a prestigious learned society has thought me worthy of such an award named in honour of Dr Henderson, who was a pioneer in public administration scholarship.

Professor Karen Johnston, Professor of Organisational Studies

**PROFESSOR RECEIVES INTERNATIONAL AWARD FOR GENDER EQUALITY RESEARCH**  
(more details in p38)

“ The University of Portsmouth is focused on facilitating the transition to a low carbon economy and the benefits that can bring to businesses and people in our region. Only by working together can we make the changes we need to respond to our warming planet.

Professor Bob Nichol, Pro Vice-Chancellor (Research and Innovation) at the University of Portsmouth

**FUNDING AVAILABLE FOR SMES TO IMPROVE ENERGY EFFICIENCY AND DEVELOP LOW CARBON PRODUCTS AND SOLUTION**

“ The best available evidence, gathered by the world’s leading experts, points us now to a single conclusion: we must act to halt and reverse the unsustainable use of nature.

Sir Robert Watson, Chair of IPBES (Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services)

**BIODIVERSITY AND NATURE’S CONTRIBUTIONS CONTINUE DANGEROUS DECLINE, PORTSMOUTH SCIENTIST WARNS**

“ Colluding conglomerate firms have been able to maintain control over supply and prices, despite allegations of tacit collusion leading to the imposition of fines and the issuing of warnings by the regulator, which is, however, weak and inefficient.

Dr Yaseen Ghulam, Senior Lecturer in Economics

**STUDY CALLS FOR INDUSTRY LEGISLATION TO BUILD A BETTER FUTURE IN DEVELOPING COUNTRIES**  
(more details in p46)



*“The Climate Action Board will work on behalf of all city residents to make our city a leader in climate action, including cutting unnecessary carbon emissions and reducing wasted energy, which will create savings for all of us.”*

Professor Steve Fletcher, Chair of the Portsmouth Climate Action Board



“Professor Steve Fletcher, the new Research Theme Director for Environment and Sustainability, chaired an event at the UN headquarters earlier this month, focused on building the awareness of connectivity issues between national waters and areas beyond national jurisdiction.”



University endorses global commitment to eradicate plastic waste and pollution

Targets include:

Eliminate problematic or unnecessary plastic packaging and move from single-use to reuse packaging models

Innovate to ensure 100% of plastic packaging can be easily and safely reused, recycled, or composted by 2025

Circulate the plastic produced, by significantly increasing the amounts of plastics reused or recycled and made into new packaging or products

Prof. Diego Vazquez-Brust (diego.vazquez-brust@port.ac.uk)

Dr Maya Zita Piccinni (maya.piccinni@port.ac.uk)

## *The University of Portsmouth wins research project of the year*

The pioneering research on plastic-eating enzymes has won the 2019 Research Project of the Year (STEM) at the Times Higher Education (THE) Awards.



Prof  
John McGeehan  
Presented the team's  
research, which  
engineered an enzyme  
capable of digesting  
polyethylene  
terephthalate (PET)  
plastic.

PET is used to make 20,000 single-use plastic bottles every second worldwide, and the discovery is paving the way for a more efficient method of recycling and helping solve the global plastic pollution problem.

Known as 'the Oscars of higher education', the annual awards recognise excellence in academia. Professor McGeehan, along with his PhD student, Harry Austin and research colleagues from Diamond Light Source in Oxford, was presented with the prize at the awards ceremony in London on Thursday 28 November.

This work is at the centre of a wider strategy to transform our University into one of the world's greenest, placing sustainable development at the centre of our curriculum and student experience, and building a world-leading academic community focused on plastic and sustainability.



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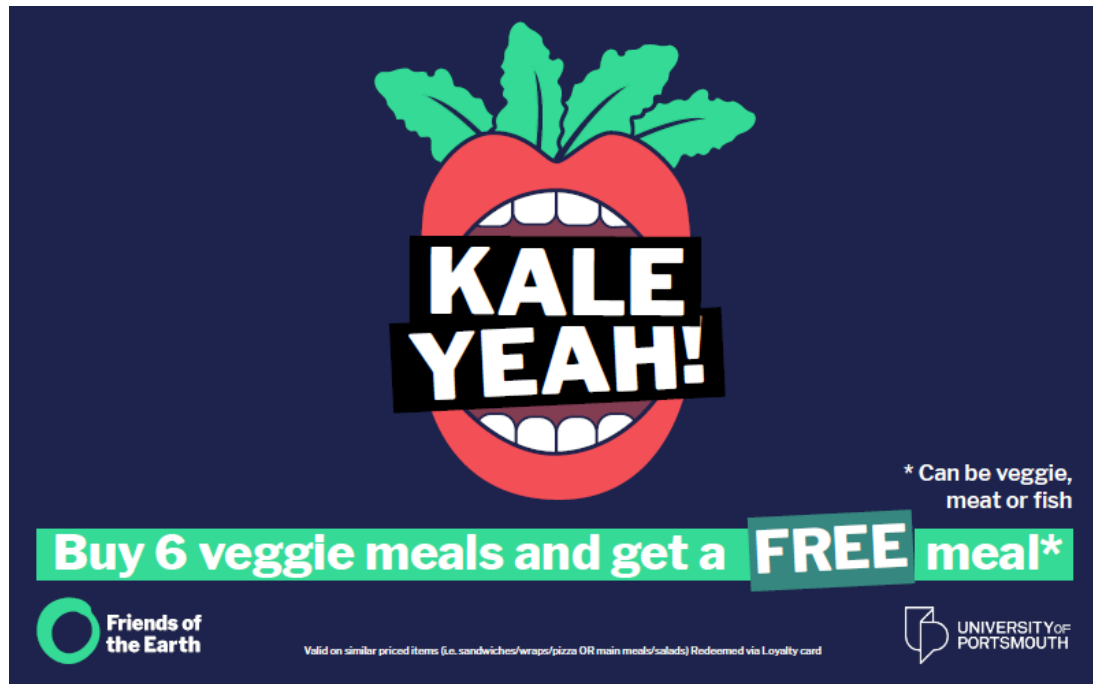
*"One of the most powerful weapons we have to combat our ever-increasing plastic pollution problem is education. I am, therefore, particularly delighted to receive this award from Times Higher Education."*

Prof John McGeehan

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## Facilitating sustainable lifestyles for students and staff



### **Kale Yeah!**

In association with Friends of the Earth

In September 2018, the University of Portsmouth launched this pilot project which involved a loyalty scheme to encourage students to embrace a more plant-based diet.

#### **Links to sustainability**

Meat and dairy products have a huge impact on the planet, on climate emissions, human health and animal welfare.

In the UK, the amount of meat we eat is twice the global average and the Government set to cut that in half by 2030 to meet climate goals.

'Less and better' meat and dairy is key.

#### **How does it work?**

Students/staff buy 6 veggie/vegan main meals or sandwiches to earn a free meal which can be veggie, fish or meat.

Offering the choice aims to engage meat-eaters and is non-judgemental.

<https://campaigning.friendsoftheearth.uk/kale-yeah/kale-yeah-guide-setting-veggie-loyalty-scheme>



### Final Straw Solent – Sept 2018

Starting with the removal of all plastic straws, all cutlery has been replaced by wooden cutlery and you will only find water at refill stations, situated throughout the campus, and in aluminium cans. There are recycling bins in every communal area. The catering team come to a decision that they will not be responsible for plastic bottles entering landfill or the incinerator after they have exhausted their recycling capabilities.

The University of Portsmouth is offering a discount to anyone bringing their own cup and the ability for customers to purchase a reusable cup at all outlets.

The catering team are requesting that all deliveries arrive in non-plastic packaging where possible and suppliers have been informed that items usually wrapped in plastic will not be accepted unless they are plastic free.

**Our plant-based catering disposables are made from renewable, lower carbon, recycled or reclaimed materials, and can all be composted with food waste where accepted.**



## Eliminating single-use plastics and enhancing circularity in catering



In September 2019 all catering products were replaced by Sustainable, high quality & cost-effective products



*“Portsmouth and the south coast are leading the way and we are honored to be linked with them, we want everybody to know how important the environment is to them, and we hope it inspires more colleges, schools and universities to make the change and reduce their single use plastic use’.*

Bianca Carr and Lissie Pollard  
(Founders of the Final Straw Solent)



# Faculty of Business and Law

## Introduction



I am most proud of the Faculty's on-going focus on the PRME principles. Our research and education enable the development of the next generation of business and law professionals, and those already in professional practice, to have a positive impact on their communities and globally. At a time of global and interconnected crises and disruptions in our society of unprecedented scale and global reach, we

believe that the ripple effects of our efforts today will have an important impact on improving the economic, social and physical environments of the future. Discernible achievements such as our full integration of responsibility, sustainability and ethics in the syllabus, our continued success in engaging the community and growing knowledge base reflect the unreserved commitment of our colleagues to the PRME agenda. They include:

- Following the implementation of the new curriculum framework at the University, by the end of 2019, all of our undergraduate and postgraduate courses have integrated modules embedding ethics, responsibility and sustainability (ERS).
- Our commitment to the PRME agenda is further reflected in the new Hallmarks of the Portsmouth Graduate, where Hallmark 6 is "a sense of responsibility allied to a commitment to ethical practice and social justice issues, such as equality, respect and sustainability". By including responsibility as a Hallmark, all students must engage in at least one module (either core or optional) embedding ethics, sustainability and responsibility.
- Our commitment to increased transparency, accountability and measurement of progress through our reporting, with the introduction in this PRME report of a metric-based approach in addition to a narrative approach and enhanced reporting in contributions to the SDGs.
- Our students' engagement with small enterprise and third sector organizations through pro-bono delivery of advice in law (Accounting in the community) and business (Business Consultancy project), continue being cornerstones of our educational provision. Annually, more than 700 of our students engage in these projects benefiting small business, third sectors and the general public with support and guidance out of their financial reach.
- Our contribution to facilitate and initiate dialogue and discussions in PRME related topics among educators and students through 69 SDG related research seminars delivered by staff and guest speakers, and 5 Sustainability workshops engaging academics, stakeholders and community.
- Our growing numbers of doctoral students engaged with PRME related topics,

with 33 students (out of the 68 students registered in 2018-2019) developing thesis related to SDGs.

- Our on-going relationship with organisations such as Business in the Community (BiTC) and Globally Responsible Leadership Initiatives (GRLI), which inspire and inform a regular commitment within our activities.
- Our Faculty success in hosting the prestigious Fair Trade International Symposium (FTIS) in 2018. FTIS is the leading global gathering for scholars, practitioners and policymakers working on Fair Trade.
- The leading role of our Faculty in the creation of the Centre for Blue Governance (CBG) in November 2019 at the University of Portsmouth; a 40 members strong cross-faculty centre administered by the Faculty of Business and Law that is already setting the agenda for the governance of aquatic systems.
- Our enhanced strategic outlook in support of PRME through key appointments and promotions within the Faculty enhancing our PRME related research leadership and renewing focus and commitment to the PRME principle. During 2018-2019 this resulted in the appointment of our new reader in Project management, who leads UK-wide initiatives in responsible project management, and the promotion of our new Professor in Economics and Director of the Centre for Blue Governance.
- Our growing contribution to the University of Portsmouth's five thematic research areas, notably in terms of Democratic Citizenship, with our work in gender equality and human rights; Sustainability and the Environment with our work in governance of the oceans, circular economy and plastics, food security and sustainable consumption and production; and Future and Emerging Technologies, with our work in innovation in product development and packaging.
- Our Research Groups provide knowledge to advance implementation of all of the UN Sustainable Development Goals with an outstanding 242 studies relating to SDGs published in peer-reviewed academic outlets, including Science. These outputs show strong cumulative knowledge especially in four main SDGs: SDG 8, SDG 10, SDG 12 and SDG 16.
- Our growing success in capturing funding and developing partnerships for projects in SDG related topics. The Faculty of Business and Law is the managing unit for several grants that contribute to progress towards SDGs awarded during 2018-2019, either as sole Faculty or in collaboration with other faculties. SDG-related funding amounted to £3,214,489 and represented 79% of total funding won by the Faculty of Business and Law in the period considered in this report
- Our success in galvanizing efforts to obtain overseas funding for international and inter-disciplinary multi-stakeholder initiatives promoting SDGs. The Faculty is the lead UK partner in two major projects SDG related projects funded by the Interreg-2-Seas European funding scheme. Plasticity - Resourcing Plastics from the City (over 5 million euros and 18 partners working to develop new technologies and business models for plastic recycling) and AWE- Accelerating Women Enterprise (over 2.5 million euros to empower more than 700 disadvantaged women with

training in business skills for start-ups).

- Our success in gaining European funding to support our world-leading research in blue governance with 4 grants awarded in 2018-2019 bringing over £ 2.5 million to the Faculty.
- The international award gained by our Professor of Organization Studies in recognition of her gender equality research.
- The funding awarded by the University of Portsmouth for the implementation of eight projects aimed to build partnerships and networks for the Global Challenges Research Fund, a large UK research fund aiming to address sustainable development challenges in developing economies.
- Our outstanding track record in building partnerships with regional business through 3 knowledge transfer partnerships awarded in total over £ 700,000.

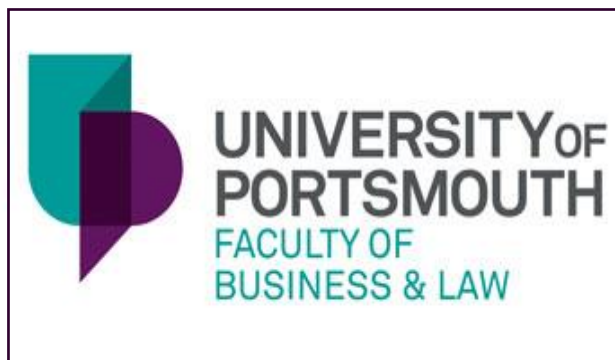
The Faculty of Business and Law will build upon the existing dynamic research of the University of Portsmouth, furthering a research and teaching approach that integrates gendered, responsible, inclusive and diverse perspectives of contemporary sustainability challenges. In this endeavour, the Faculty aims to help progress towards the UN Sustainable Development Goals, particularly helping academia and policymakers meet the Goal 4, ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. I am immensely proud of what we have collectively achieved in the Faculty. I wish to thank in particular our Professor of Global Sustainability, Diego Vazquez-Brust, who has led the compilation of this report and so enthusiastically supports the Faculty in continually improving on our PRME agenda.



Professor Gioia Pescetto  
Dean, Faculty of Business and Law



# Faculty of Business and Law current Accreditations and Awards



# Measuring progress towards embedding the PRME principles on the Faculty's core and contributing towards the SDGs.

The Faculty of Business and Law is one of five Faculties within the University of Portsmouth, with a community of over 5,900 students including over 1,200 postgraduate taught students and over 210 postgraduate research students. Around 2,800 students are non-UK representing 79 different countries. The 254 academic staff comprises a multi-cultural community of academics and practitioners who aspire to provide an excellent student experience, nurture and develop high-quality research, innovation and knowledge transfer that contribute to economic and social well-being.

The Faculty delivers a comprehensive portfolio of business, management and law courses, from the Foundation Degree in Business and Management to the Doctorate in Business Administration, and the PhD, complemented by several specialist degrees, for example in accounting, economics, finance, law, human resource management, marketing, and project and quality management. In addition to offering both undergraduate and postgraduate awards, the Faculty provides executive education, full-cost and collaborative courses across all business and management disciplines. This breadth of provision and range of faculty expertise are key strengths of the faculty, and the portfolio is reviewed regularly to ensure currency, diversity, professional relevance and appeal to the UK and international students.

Portsmouth Business School signed up to the Principles for Responsible Management Education (PRME) initiative in 2011 intending to support, inspire and championing responsible management education, research and thought leadership globally. This report, as requested, documents the Faculty's progress since the last report towards each of the six PRME principles.

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*"As institutions of higher education involved in the development of current and future managers, we declare our willingness to progress in the implementation, within our institution, of the following Principles, starting with those that are most relevant to our capacities and mission. We will report on progress to all of our stakeholders and exchange effective practices related to these principles with other academic institutions."*

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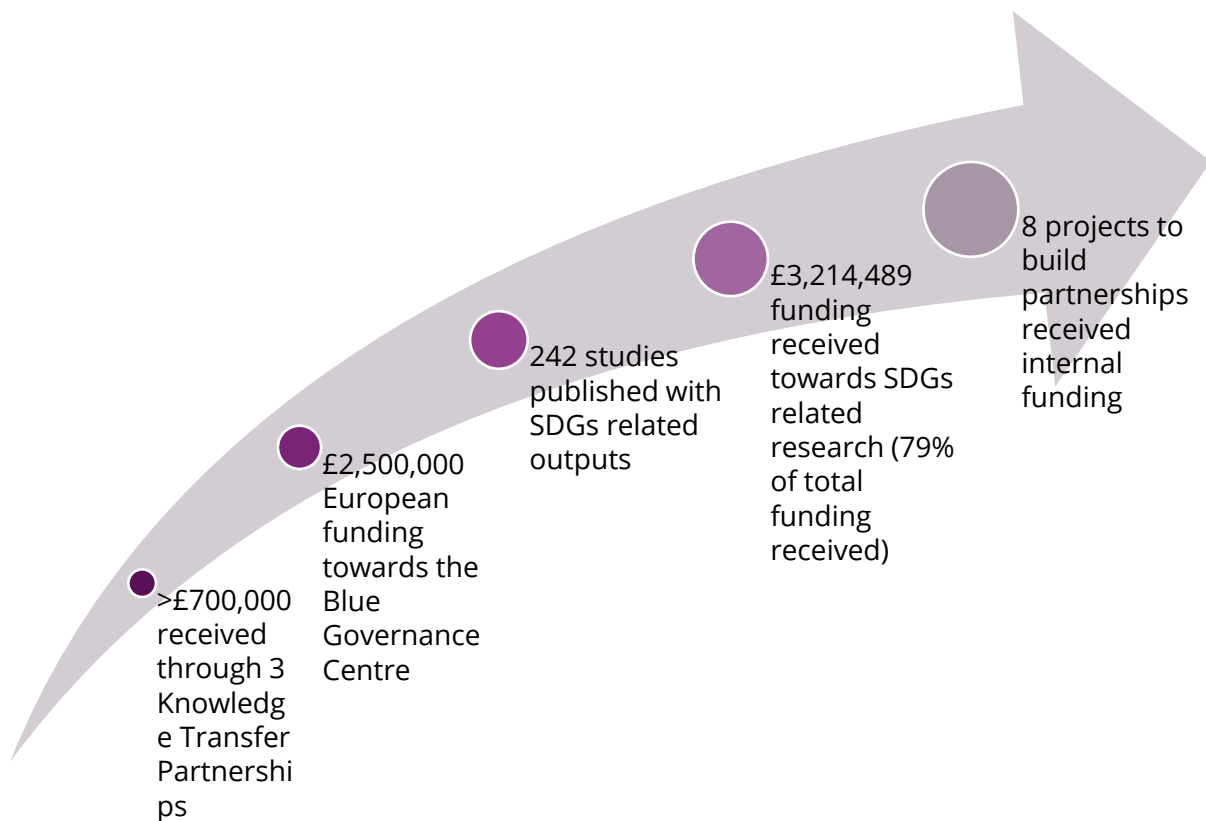
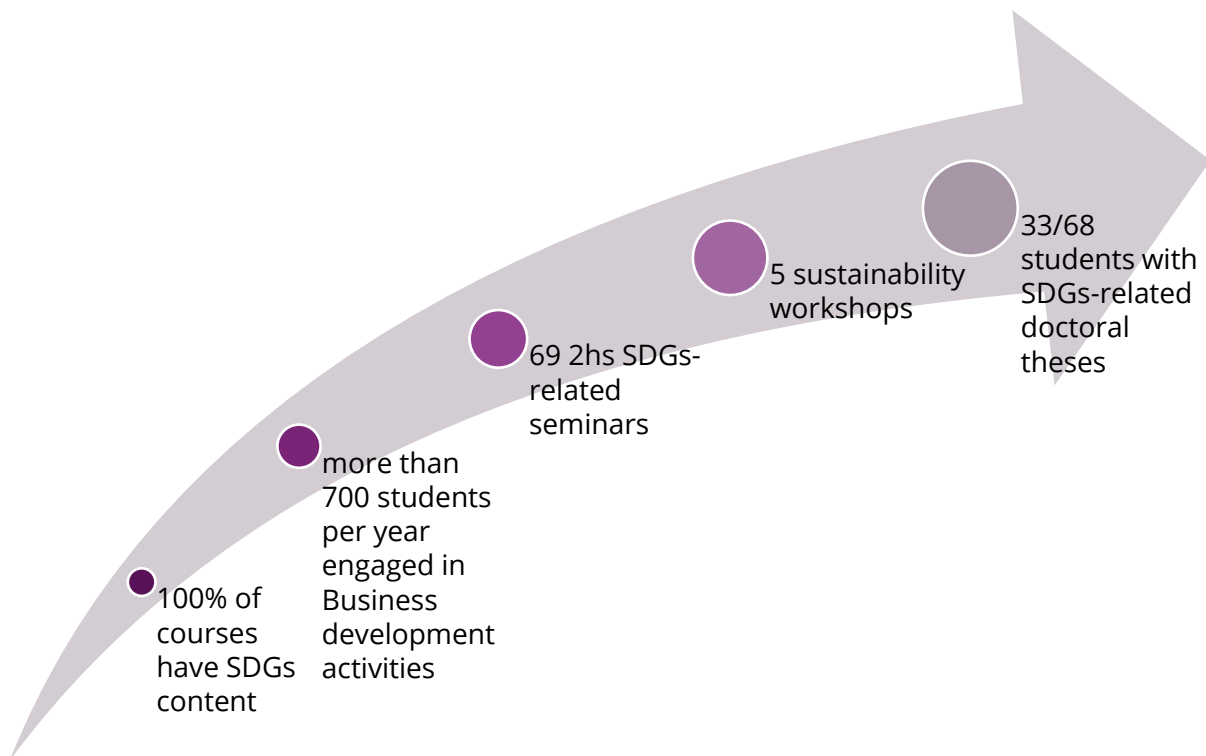
The 2030 Agenda for Sustainable Development, adopted by all United Nations Member States in 2015, provides a shared blueprint for peace and prosperity for people and the planet, now and into the future. At its heart are the 17 Sustainable Development Goals (SDGs), which are an urgent call for action by all countries - developed and developing - in a global partnership. They recognize that ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth – all while tackling climate change and working to preserve our oceans and forests.

To showcase our alignment with the Sustainable Development Goals, our strategic plan for strengthening PRME related research includes a commitment to improve the quality of our reporting with the integration of our Faculty contribution to SDGs into our reporting against PRME principles. This is the first report introducing this approach.

## Reporting against sustainable development goals



# Faculty of Business and Law Highlights



## Principle 1 | Purpose

“We will develop the capabilities of students to be future generators of sustainable value for business and society at large and to work for an inclusive and sustainable global economy.”

The Faculty’s commitment to PRME is fundamental to staff’s practice as educators and researchers and now firmly embedded within the University’s vision, mission and values through to research, education and people strategies. This permeates directly to the new Faculty mission, which has been realigned directly to reflect PRME principles.



### University mission, vision 2030 and strategy 2025

**Mission:** to create, share and apply knowledge to make a Difference to individuals and society”.

**Vision** for 2030 (approved in November 2019): “to be the UK’s top modern university and one of the top 100 young Universities in the world

**Strategy** for 2025: in summary, to achieve this overarching vision the university will:

- give every student a life changing experience,
- meet changing demand and widen participation,
- deliver globally recognised research and innovative solutions that improve society,
- become one of the leading UK’s civic universities,
- significantly building global reach and reputation,
- lead in environmental sustainability and
- become climate positive, and transform alumni relations and advancement.

The enablers to support this vision are to deliver quality and excellence across all activities, to invest in the future and financial sustainability, to enhance the estate and infrastructure and to innovate through global technologies.



In June 2018, the new Curriculum Framework specifications were approved which provide detailed precepts and guidance for the design, development and review of all new courses, and amendments to existing courses. With close reference to the University’s strategic aims and objectives, it affirms the University of Portsmouth’s commitment to ensuring an excellent student experience through the delivery of courses that provide the knowledge, skills and attributes for success, as defined in the **Hallmarks of the Portsmouth Graduate**. In addition, it includes the Assessment for Learning Policy, Guidance regarding the Consolidation, Assessment, Examinations and Marking Periods, Permitted Delivery Models, and specific information relating to Combined Honours Degrees, Master of Research, and Professional Doctorates, as well as the University’s Personal Tutoring and Personal Development Planning frameworks.

## Curriculum Framework Specification

Approved in June 2018 for courses running from August 2019

### *Principles and Commitments*

These ambitions are achieved through five key principles against which all courses will be validated and reviewed, and in turn, each principle has an underpinning set of commitments. In summary:

1. A coherent curriculum based on academic, subject and research excellence; with commitments to enable students with critical and reflective knowledge and understanding of their subject, its principles, practices and boundaries; to learn together, independently, analytically and creatively; to generate ideas and develop creative solutions of benefit to the economy and society, and to facilitate engaged and interactive learning.
2. An agile curriculum that is informed by relevant developments, innovations and professional practices in its subject areas; with commitments to remain current and relevant; to provide career-enhancing opportunities where assessment reflects the 'real-world' tasks, requirements and expectations of the professional workplace.
3. Courses designed to provide an excellent, inclusive learning experience that engages students and promotes independence and deep learning; with commitments to provide both personal and academic support, and foster inclusivity and equality of opportunity; to provide both formative and summative assessment; to support students to become independent learners, intellectually curious, embrace challenges and seize opportunities for development; to communicate clearly and effectively; to locate, access and critically engage with information, using current and emerging technologies; to be proactive in recognising and addressing personal development needs.

- 
4. **Courses that integrate, within the core curriculum, the development of the knowledge and skills essential for roles in the global workforce;** *with commitments to demonstrate a global perspective, fostering informed citizenship, and promoting diversity and respect; to support and enable student mobility; to engage students in their development of an international perspective on their learning; to support students to be informed citizens, with a sense of responsibility allied to a commitment to ethical practice and social justice issues, such as equality, respect and sustainability; to be able to work in a range of environments, responding positively to new situations by being aware, flexible, adaptable and realistic in their expectations.*
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5. Courses that engage students as active partners in learning, and enable continuous enhancement of curricula, incorporating feedback, evaluation and review into the design and development of the course; with commitments to continuous enhancement to ensure they remain dynamic, innovative, grounded on synergies between teaching, research, innovation and professional practice, and relevant to the changing needs of local and global economies and communities. Student feedback is central to monitoring, review and continuous enhancement of courses, and is gathered regularly through a

variety of formal, such as via the Students' Union, Course Representation, Staff-Student Consultative Committees, Faculty Fora, and informal mechanisms. Course teams work in partnership with students to co-create elements of curricula and are informed by internal and external management information, and benchmarked, as appropriate.

### *The Hallmarks of the Portsmouth Graduate*

Portsmouth graduates will be knowledgeable, informed, intellectually curious, responsible, self-aware and self-motivated, independent learners set for success in their future careers.

We will support our students to acquire these Hallmarks of a Portsmouth Graduate through their engagement in courses that adhere to our strategic principles, and in the wider student experience.

More specifically, Portsmouth graduates will:

1. Have a critical and reflective knowledge and understanding of their subject, with both the ability and readiness to question its principles, practices and boundaries.
2. Think independently, analytically and creatively, and engage imaginatively with new areas of investigation within and across discipline boundaries.
3. Be able to synthesise new and existing knowledge to generate ideas and develop creative solutions of benefit to the economy and society.
4. Be intellectually curious, embrace challenges and seize opportunities for development.
5. Be able to locate access and critically engage with information, using current and emerging digital technologies.

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### **6. Be informed citizens, with a sense of responsibility allied to a commitment to ethical practice and social justice issues, such as equality, respect and sustainability.**

*Focusing on:*

*How does the course include topics on ethical issues in globalization such as social justice, equity, human rights and related social, economic and environmental issues (in relation to your discipline)?*

*Are students asked to consider the issues faced by a wide variety of social, economic, political, religious, ethical and cultural perspectives?*

*How does the course enable students to understand their contribution to society in terms of equality, respect and sustainability?*

*How is the diversity of the academic community being utilised as a key learning resource? (e.g. are students/staff from diverse backgrounds encouraged to share and reflect on their own knowledge and experience within the subject area)*

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7. Be effective team players, able to provide leadership and to support the success of others.
8. Be able to communicate clearly and effectively, in a range of forms and to different audiences.
9. Have an enterprising spirit, bringing innovation and productivity to the groups and communities to which they belong.
10. Be able to work in a range of environments, responding positively to new situations by being aware, flexible, adaptable and realistic in their expectations.
11. Be proactive in recognising and addressing personal development needs, and able to make informed career decisions.



## Principle 2 | Values

“We will incorporate into our academic activities, curricula, and organisational practices the values of global social responsibility as portrayed in international initiatives such as the United Nations Global Compact.”



The Faculty of Business and Law, aligned with the University’s strategy, aims to promote values of social responsibility and sustainability through the course design and delivery that will promote a global and sustainable development perspective and multicultural understanding. As a Faculty, there is an expectation that all modules embed CSR, ethics and sustainability to ensure that students develop knowledge and skills to support them as responsible leaders, professionals, employees and entrepreneurs of the future.



All of the Faculties’ undergraduate and postgraduate courses integrate content related to sustainability, responsibility or ethics, as either core or optional modules. According to the new guidance, all University of Portsmouth graduates have to “be informed citizens, with a sense of responsibility allied to a commitment to ethical practice and social justice issues, such as equality, respect and sustainability”. To achieve this, 21 modules with content related to responsible business management, sustainability and ethics have been embedded into the syllabus either as core (55% of courses have at least one core module) or optional (45% have at least one optional module).

A sample of the PRME related modules and their corresponding courses are listed in page 26, indicating whether the module is optional (O) or core (C) for the respective course. Please note these courses/modules are not being differentiated between delivery modes, and modules marked as C/O are compulsory in a delivery mode but optional in others.

UNDERGRADUATE Course/ Module	Advanced Financial Reporting	Community Lawyer	Contemporary Issues in Product and Service Development	Critical Issues in Accounting and Finance	Cross Cultural Awareness for Business	Development Economics	Discrimination and Conflict in Employment Law	Equality and Human Rights Law	Finance with Business Communications Level 6 Tutorial Programme	Financial Markets and institutions	Financial Reporting	Financial Reporting for Business	Global Business Sustainability and Responsibility	Jurisprudence and Ethics	Leadership, Ethics, Governance & Sustainability	Managing Equality and Diversity at Work	Marketing Consultancy Project	Responsible and Sustainable Business	Social Marketing	Strategic Management (Learning at Work)	Studying in the UK Business Environment
A (HONS) ACCOUNTANCY AND FINANCIAL MANAGEMENT	C			C						O	C										C
A (HONS) ACCOUNTING WITH FINANCE				C						O											O
A (HONS) BUSINESS AND HUMAN RESOURCE MANAGEMENT					O		O									O		O			
A (HONS) BUSINESS AND MANAGEMENT			O		O		O			O		O				O		O	O		
A (HONS) BUSINESS ENTERPRISE DEVELOPMENT			C															O			
A (HONS) BUSINESS LEADERSHIP AND MANAGEMENT															C						
A (HONS) BUSINESS MANAGEMENT AND ENTREPRENEURSHIP			C															O			
A (HONS) BUSINESS WITH BUSINESS COMMUNICATION					C																
A (HONS) DIGITAL MARKETING			O														O		O		
A (HONS) ECONOMICS AND MANAGEMENT						O												O			
A (HONS) EUROPEAN BUSINESS					O																
A (HONS) EUROPEAN BUSINESS ADMINISTRATION			O																		
A (HONS) FINANCE WITH BUSINESS COMMUNICATION									C	C											C
A (HONS) FINANCIAL MANAGEMENT				C						O		C									O
A (HONS) FINANCIAL MANAGEMENT FOR BUSINESS				C						O		C									O
A (HONS) HOSPITALITY MANAGEMENT					O											O		O	O		

Prof. Diego Vazquez-Brust (diego.vazquez-brust@port.ac.uk)

Dr Maya Zita Piccinni (maya.piccinni@port.ac.uk)

UNDERGRADUATE Course/ Module	Advanced Financial Reporting	Community Lawyer	Contemporary Issues in Product and Service Development	Critical Issues in Accounting and Finance	Cross Cultural Awareness for Business	Development Economics	Discrimination and Conflict in Employment Law	Equality and Human Rights Law	Finance with Business Communications Level 6 Tutorial Programme	Financial Markets and institutions	Financial Reporting	Financial Reporting for Business	Global Business Sustainability and Responsibility	Jurisprudence and Ethics	Leadership, Ethics, Governance & Sustainability	Managing Equality and Diversity at Work	Marketing Consultancy Project	Responsible and Sustainable Business	Social Marketing	Strategic Management (Learning at Work)	Studying in the UK Business Environment
A (HONS) HOSPITALITY MANAGEMENT WITH TOURISM					O											O		O	O		
A (HONS) INTERNATIONAL BUSINESS			O		O					O			C			O		O	O		
A (HONS) LEADERSHIP, BUSINESS AND MANAGEMENT																				C	
A (HONS) MARKETING			O		O												O		O		
A (HONS) MARKETING WITH PSYCHOLOGY					O												O		O		
SC (ECON) (HONS) BUSINESS ECONOMICS						O															
SC (ECON) (HONS) ECONOMICS						O															
SC (ECON) (HONS) ECONOMICS, FINANCE AND BANKING						O															
SC (HONS) BUSINESS AND SUPPLY CHAIN MANAGEMENT					O													O			
SC (HONS) BUSINESS AND SYSTEMS MANAGEMENT					O													O			
FACULTY OF BUSINESS AND LAW EXCHANGE PROGRAMME: UNDERGRADUATE							O					O	O					O	O		
LB (HONS) LAW		O						C						O							
LB (HONS) LAW WITH BUSINESS		O						C													
LB (HONS) LAW WITH CRIMINOLOGY		O						C													
LB (HONS) LAW WITH INTERNATIONAL RELATIONS		O						C													
STUDY ABROAD IN THE FACULTY OF BUSINESS AND LAW													O								

POSTGRADUATE Course/ Module	Budget and Commercial Management	Business Operations - The Quality Management Perspective	Business Transformation through Quality Management (DL)	Community Legal Research Project	Consumer insight and Analytics	Contemporary Issues in Marketing	Corporate Governance and Ethics	Corporate Strategy	Corporate Strategy for Sustainability	Developing People for Business	Entrepreneurship and Business Venturing	Financial Management	Global Approaches to Medical Law and Ethics	Global Corporate Responsibility	Global Sustainability	Human Resource Management	International and European Human Rights Law	International Marketing	Management Development	Managing Human Resources	Managing New Product Development	Multinational Corporate Financial Management	Organisational and Environmental Risk	People Management and Risk	Project Environment and Planning	Quantitative and Research Methods	Research Skills for the HR Professional	Strategic Organisational Excellence	Strategic Risk and Risk Behavior	The International Business Context and Employment Relations	The International HR Practitioner	
FACULTY OF BUSINESS AND LAW EXCHANGE PROGRAMME: POSTGRADUATE	O				O	O		O				O			O	O		O					O	O	O					O		
GLOBAL MBA									C																							
LLM ALTERNATIVE DISPUTE RESOLUTION				O									O	O			O															
LLM CORPORATE GOVERNANCE AND LAW / GRAD ICOSA				O									O	O			O															
LLM DISPUTE RESOLUTION				O									O	O			O															
LLM LAW				O									O	O			O															
MA DIGITAL MARKETING					C	C																										
MA MARKETING					C	C																										
MSC ACCOUNTING AND FINANCE							C																									
MSC BUSINESS AND MANAGEMENT								O				C/O				C/O		C/O	C/O													
MSC CORPORATE FINANCE																						C										
MSC FORENSIC ACCOUNTING							C																									
MSC HUMAN RESOURCE MANAGEMENT																											C					C

POSTGRADUATE Course/ Module	Budget and Commercial Management	Business Operations - The Quality Management Perspective	Business Transformation through Quality Management (DL)	Community Legal Research Project	Consumer insight and Analytics	Contemporary Issues in Marketing	Corporate Governance and Ethics	Corporate Strategy	Corporate Strategy for Sustainability	Developing People for Business	Entrepreneurship and Business Venturing	Financial Management	Global Approaches to Medical Law and Ethics	Global Corporate Responsibility	Global Sustainability	Human Resource Management	International and European Human Rights Law	International Marketing	Management Development	Managing Human Resources	Managing New Product Development	Multinational Corporate Financial Management	Organisational and Environmental Risk	People Management and Risk	Project Environment and Planning	Quantitative and Research Methods	Research Skills for the HR Professional	Strategic Organisational Excellence	Strategic Risk and Risk Behavior	The International Business Context and Employment Relations	The International HR Practitioner
MSC INNOVATION MANAGEMENT AND ENTREPRENEURSHIP								C			C/O										C/O										
MSC INTERNATIONAL BUSINESS AND MANAGEMENT												C			C	C			C												
MSC INTERNATIONAL FINANCE AND BANKING																						C									
MSC INTERNATIONAL HUMAN RESOURCE MANAGEMENT										O										O						C			O	C	
MSC PROJECT MANAGEMENT	C																							C	C						
MSC RISK AND SAFETY LEADERSHIP																													C		
MSC RISK, CRISIS AND RESILIENCE MANAGEMENT																							C/O						C		
MBA STRATEGIC LEADERSHIP												C																			
MSC STRATEGIC QUALITY MANAGEMENT		C	C																							C		C			
PGDIP STRATEGIC QUALITY MANAGEMENT		C	C																						C		C				

Within the Faculty of Business and Law, there are examples of practice that align with the UN Global Compact and UN Sustainable Development Goals across each of the cognate areas of Economics and Finance, Law, Strategy, Enterprise and Innovation, Marketing & Sales, Accounting and Financial Management, Operations and Systems Management and Organisation Studies and Human Resource Management.

Extracts of course/module justifications that address the University of Portsmouth graduate hallmark number 6 are presented below.

*Management Development is concerned with ethical management and Corporate Strategy is concerned with Corporate Social Responsibility. Human Resource Management is concerned with ethical practice and social justice issues such as equality, respect and sustainability. Ethical issues are considered in Financial Management in corporate finance perspectives for ownership and control decisions.*

*Modules such as financial reporting & advanced financial reporting relate to real life scenarios.*

*Critical issues in accounting and finance asks students to consider the ethical issues of particular importance to the modern finance professional. These ideas are developed & assessed at level 6 in modules such as advanced financial reporting*

*Teaching staff and students from a wide range of backgrounds, bringing a mix and richness in cultures and consequently in class discussion exercises.*

*The live client opportunities and real world projects are included in several modules which require students to be informed, responsible and ethical citizens:*

*Consumer Insight and Analytics*

*Marketing Consultancy Project*

*The module of Contemporary Issue in Marketing is covering a wide range of topics on ethical practice, social justice issues and sustainability.*

*Both teaching staff and students from a variety of background bring diversity into the classroom and consequently into classroom discussion within all modules.*

*Assessments and group exercises consider the issues faced by a wide variety of social, economic, political, religious, ethical and cultural perspectives and International Marketing, Human Resource Management and Corporate Strategy facilitate this through the assessed work.*

*Throughout the course, students are encouraged to develop a wider vision for quality in the business environment/their organisation.*

*U20682, Strategic Organisational Excellence, U20684 and Quantitative and Research Methods: coverage of ethics issues, CSR, perspectives regarding culture (national and sector) and business ethics/ governance.*

*U20629, Business Transformation through Quality Management introduce organisational culture.*

*U24537, Business Operations – The Quality Management Perspective and U24538, Business Operations – The Quality Management Perspective introduce the ‘Competency Framework’, for quality management professionals, devised by the Chartered Quality Institute as a result of consultation with employers.*

## Principle 3 | Method

“We will create educational frameworks, materials, processes and environments that enable effective learning experiences for responsible leadership.”



The Faculty’s approach to educating students as responsible leadership centres key pedagogic areas, use of bespoke case studies, experiential learning opportunities with live cases and guest speakers. The Faculty has completed an audit of the curriculum and moved the agenda forward with the discussion at Faculty Education and Student Experience Committee with representatives across the Faculty.



Students are also engaged in the dialogue of responsible management through their participation in the annual BiTC Responsible Business Week.

To create an environment that enables effective learning experiences, the Faculty of Business and Law has also implemented awards to reward student and staff achievement in a range of undergraduate and postgraduate degrees.

For example, the annual Postgraduate Human Resource Management Placement Award lunch took place on 1st May for MSc Human Resource Management and MSc International Human Resource Management students. Employers, staff and students attended and Jill Brown, Head of Postgraduate Taught Business Programmes, presented the prizes and certificates for students and course leaders.



During 2018, the new faculty sustainability champion (Vazquez-Brust) conducted an assessment of educational contents and research resources in PRME related topics. This assessment informed the design of a strategic action plan to steer continuous improvement in the contribution of the faculty to teaching and research in sustainability and responsible management. Such plan proposed PRME related teaching content and sources and included the organization of a teaching sustainability event to encourage and support staff in the design of modules that integrate international best practice in design and delivery of PRME related content in management education.

**TEACHING SUSTAINABILITY EVENT: Seminar and workshop**  
**Integrating Sustainability in Higher Education: Teaching, Learning, Drivers, Barriers and The Case For Best Practices**
**2019 SUSTAINABILITY EVENT: SDG 4**

These seminar and staff workshop were delivered on the 30<sup>th</sup> October 2018 by an international expert in sustainability in higher education, Professor Jorge Arevalo. The event was organized by the Faculty's Associate Dean (students) Zoe Dann, Charles Barker and the Faculty's Sustainability Champion, Diego Vazquez-Brust. The event had the specific objective of creating processes and materials to facilitate the continuous embedding of PRME related contents in the Faculty's teaching and learning.

### *About the Speaker:*

Jorge A. Arevalo, Associate Professor Of Management At William Paterson University, NY. Jorge Arevalo is the editor of the recent Edward Elgar Handbook of Sustainability in Management Education (Arevalo & Mitchell, 2017) and coordinator of the prestigious professional development workshops in Sustainability in Management education (SiME), which had been held by the Academy of Management since 2010 and won the MED best professional workshop award in 2018

### *About the Seminar:*

The morning large group seminar provided an overview of the case for the integration of sustainability in higher education. The session discussed best practice, drivers for staff and how to turn barriers into opportunities. Registered attendees: 80.

### *About the workshop:*

The afternoon session offered an interactive workshop providing practical guidance to those who want to include sustainability-related content in their units/modules (e.g., websites with sustainability-related contents, apps and games to increase student engagement). Registered participants: 20.



The workshop aims and delivery	The workshop aimed to be informative, interactive and full of research and teaching possibilities for those interested in the assessment of Sustainability in Management Education (SiME) integration.
	Participants exchanged experiences, strategies and best practices for those already teaching sustainability related contents and discussed the extent to which sustainability is and should be embedded in curricula and how to move forward with the integration of sustainability in management education agenda, ME, and others
The workshop focus	How to start: Rusinko's (2010) matrix of integration of sustainability and responsibility content in higher education teaching and learning, others
	Where to find contents: Page Prize Sustainability Content and Materials
	Support and feedback: UN PRME, and others



## Principle 4 | Research

“We will engage in conceptual and empirical research that advances our understanding about the role, dynamics, and impact of corporations in the creation of sustainable social, environmental and economic value.”



The Faculty of Business and Law has a continued commitment to the production of conceptual and empirical research which is devoted to making a meaningful contribution to society and this includes a focus on the creation of sustainable social, environmental and economic value.

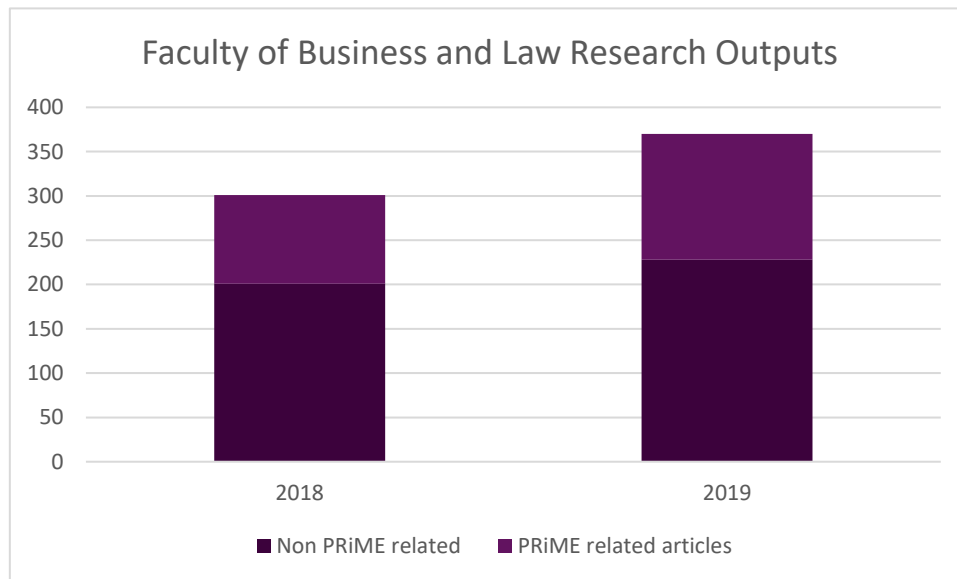


The Faculty's research work explores beneficial and detrimental practices that relate to responsible management and contribute to the advancement of UN Sustainable Development Goals, through a better understanding of the challenges faced by companies when translating such goals into corporate practice.






Researchers from the Faculty of Business and Law have actively collaborated in the development of the University of Portsmouth five cross-university research themes. Prof. Leila Choukroune (Portsmouth Law School) heads the theme of Democratic Citizenship (promoting research related to SDGs 1,2,4,5,10, 16 and 17), while during 2018-2019 Prof. Diego Vazquez-Brust and Dr Chris Sims played a key role in helping to shape the Environment and Sustainability theme (contributing to progress in SDGs 6, 7, 12, 13, 14, 15) and the Future and Emerging Technologies theme (SDGs 7 and 9).

## Research Outputs

From January 2018 to December 2019, researchers from the Faculty of Business and Law published 671 pieces of research in peer-reviewed academic outlets (academic journals and books). 36% of these publications (242) have direct relevance to PRME and developed knowledge that will help further progress in the achievement of SDG. In 2018, out of 301 outputs, 35% (100) were related to SDGs. In 2019 the number of outputs grew to 370, of which 38% (142) were aligned with SDGs. This suggesting both increased research productivity and continuously increasing engagement with SDG related research across faculty.



### *Faculty of Business and Law 2018-2019 research highlights:*

- 
**Adele Bezuidenhout**
  - Analysing the importance-competence gap of distance educators with the increased utilisation of online learning strategies in a developing world context
- 
**Zeeshan Ahmed Bhatti**
  - Social entrepreneurs in challenging places: a Delphi study of experiences and perspectives
- 
**David Grant Pickernell**
  - The roles of network embeddedness, market incentives, and slack resources in the adoption of clean technologies by firms in developing countries
- 
**Sui Chian Phang**
  - Emergent sustainability in open property regimes
- 
**Simonov Kusi-Sarpong**
  - Sustainable supplier selection based on industry 4.0 initiatives within the context of circular economy implementation in supply chain operations

*Faculty of Business and Law research news:*



**Researchers To Help Protect Some Of The Worlds Most Vulnerable Marine Ecosystems** - Pierre Failler, Cindy Cornet and Ewan Trégarot

•“Researchers from the University of Portsmouth will be part of an international project to help protect vulnerable marine ecosystems from climate change and human induced impacts, such as habitat destruction and pollution.”



**The ‘Ghostbusters’ Hoping To Tackle A Marine Menace** - Ben Drakeford

•“A new project called Innovative Fishing Gear for Oceans (INdIGO) is aiming to develop a completely biodegradable fishing net with a controlled lifespan”



**Research Helps Shipping Companies Save Millions And Save The Planet** - Shahin Gelareh

•“The system allows liners to optimise their network of ships and containers under different scenarios by taking into account costs, fleet size, demand and flow of laden and empty containers. This means better use of the company’s assets, minimising the total cost of transportation and repositioning of empty containers. And by reducing inefficient repositioning of containers we reduce emissions.”



**There's No Such Thing As A Free Return** - Lisa Jack

•“Increased online sales are not bringing in the profits that were anticipated and one reason for this is the complexity that returns from online sales create. We wanted to investigate the reasons why this might be the case, and what can be done to bring about a more profitable environment for the future.”



**Biodiversity And Nature’s Contributions Continue Dangerous Decline, Portsmouth Scientist Warns** - Pierre Failler

•“Governments have to take biodiversity loss at the same level of importance, or even at a higher level, than climate change, as the loss of natural capital is one of the reasons of the escalation of both climate change causes and impacts.”



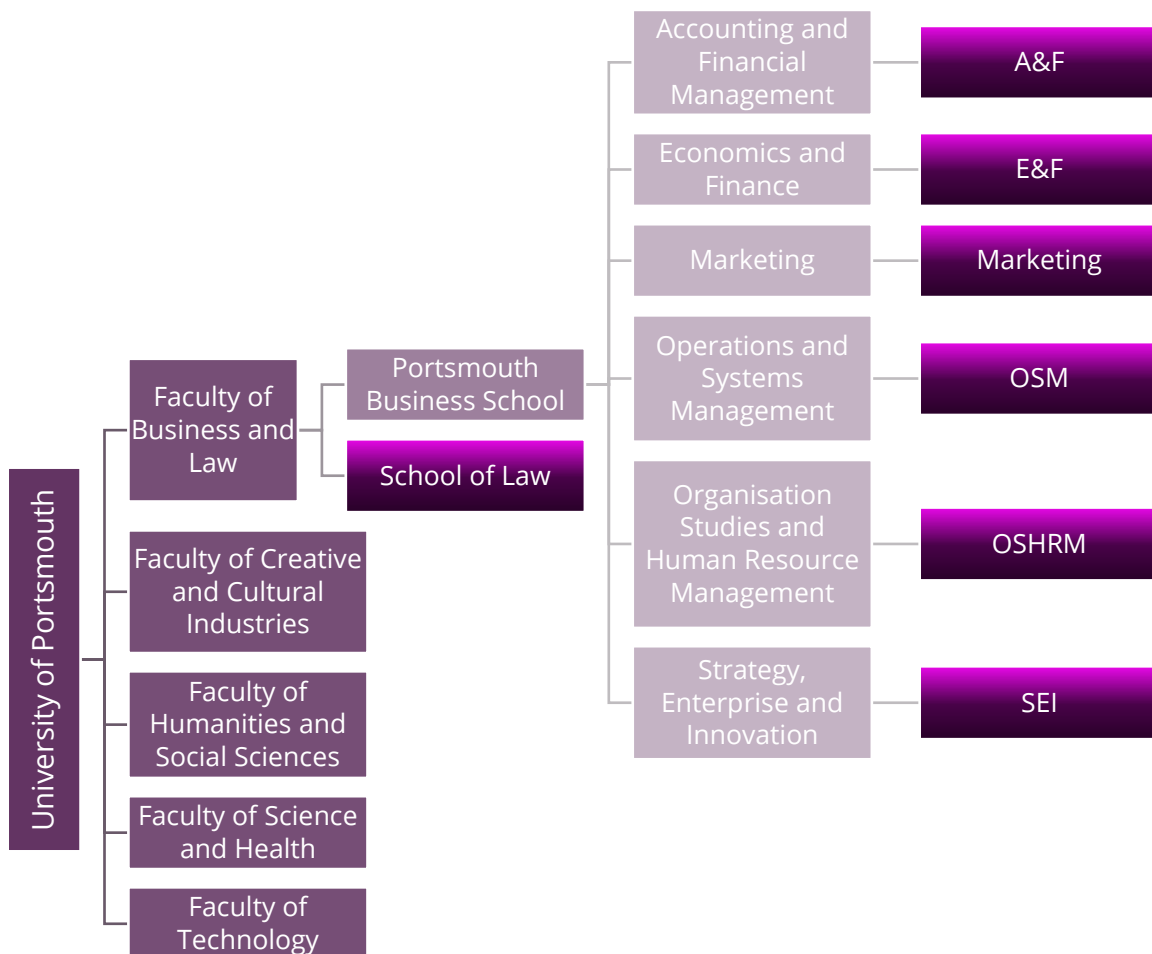
**UK And India Trade Relations Under The Spotlight** - Leïla Choukroune

•“With government, business and civil society representatives attending the conference panels, we are reaching out to a large audience and contributing to public debate, on-going trade negotiations and future treaties between India and the UK.”

The 242 SDG related outputs are categorised below indicating how many papers contributed to each SDGs (Many papers do contribute to more than one SDG). We find that although there are contributions to all 17 SDGs, 4 SDGs featured more prominently and shared similar % of contributions (18-19%): SDGs 8 (Decent Work and Economic Growth), 12 (Sustainable Consumption and Production), 9 (Industry, Innovation and Infrastructure) and 16 (Peace & Justice, Strong Institutions). 73% of the outputs contributed to one or more of these 4 Goals. These are followed by outputs related to SDG 10 (Reduced Inequality) and 17 (Partnerships to achieve the goals).

																
6	14	13	19	13	8	17	45	42	28	9	48	5	15	8	41	23
2%	6%	5%	8%	5%	3%	7%	19%	18%	12%	4%	19%	2%	6%	3%	17%	10%

We will describe main topics covered in the more extensively addressed SDG and display some of the contributions to the less frequent goals, stating the main contributor and their respective research group. Research groups within the Faculty of Business and Law fall into the following categories:



Faculty of Business and Law research by sustainable development goal:



### *SDG 1: No Poverty*

SDG 1 aims to end poverty in all its forms everywhere. The Faculty endorses the conceptualization of poverty as a multidimensional phenomenon, contributions to SDG 1 are intertwined with contributions to SDG 8 and SDG 10, particularly in terms of studies providing insights for the protection of the poor and vulnerable in developing countries such as dispossessed and casteless in rural India (Das, OSM) and informal miners in Ghana (Vazquez-Brust, SEI); research conceptualizing the contribution of nature to the poor (Fallier, E&F) and research focusing on how to improve support for those in vulnerable situations; ranging from vulnerability in ageing (Bedford, Law), normalization of the suffering of recycling waste workers (Warren, OSHRM), housing for refugees (Greco, OSM) to frameworks for humanitarian interventions after environmental shocks and disasters (Hadleigh-Dunn, SEI; Lai, OSHRM).



### *SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture*

The Gate to Plate research group lead by Prof. Lisa Jack (A&F) and Prof. Mark Xu (OSM) has a focus on food safety that is particularly relevant to SDG 2 (as well as SDG 3). Gate-To-Plate group's leading research seeks to tackle the risks and concerns associated with food safety along the entire food supply chain and ensure that people can enjoy safe and nutritious food. During the 2018-2019 research outputs focused on food fraud vulnerability (Krzyzaniak, A & F); collective action to prevent food fraud (Jack, A&F) and food safety in agriculture (Jack, A&F). The second stream of research provides insights for the promotion of productivity and sustainability of agricultural practices in developing countries, with outputs discussing how to ensuring food security in Ghana (Fallier, E&F); theorizing eco-agri-food systems (Fallier, E&F), and analysing relations between urbanization and farmland protection (Zepeda, E&F). Finally, research outputs that contribute to improving nutrition include research on food portions and older consumer vulnerability and nutritional needs (Ford, SEI); and food information presentation (Viglia, Marketing).

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*SDG 2 Highlight: Professor Lisa Jack (A&F)*

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Currently Professor of Accounting in the Faculty of Business and Law, and also President of the British Accounting and Finance Association, Professor Lisa Jack is one of the few accounting researchers to investigate the agri-food industry among other areas of expertise. She writes about the effects of accounting and performance measurement practices on the industry, and on society more widely. In particular, she investigates fraud in the food and drink industry. She has also led a successful project, on the growing costs and other problems associated with retail returns in from online purchases. This work has brought her into contact with major retailers in Europe and is continuing with new projects around costing, lean management and circular economy in omnichannel environments.



Applying AI to enhance Traceability Challenges and Food Authenticity in Food Supply Chains

- Projects**
- 2/04/18 → 31/07/18
  - Sustainable up cycling of agro-, agrofood and fisheries residues in horticulture and agriculture as bioenergy, biochar and chitin rich products
  - 2/02/18 → 31/10/21



Costs of food crime  
Anomaly Detection for Food Supply Chains

- Grants**
- Award date: 3/06/19
  - Award date: 28/02/19 (Horti-blueC)
  - Sustainable up-cycling of agro-,agrofood, and fisheries residues in horticulture and agriculture as bio-energy, biochar and chitin- rich products
  - Award date: 13/02/18



2019  
• 4/10 articles/chapters published with SDGs related topics

2018  
• 1/4 articles published with SDGs related topics

**Articles**




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*"Food fraud is not just about legality and crime. It affects all consumers at a personal level through their health and the way we produce food is fundamentally important in building a sustainable future. The Coronavirus pandemic has highlighted the world reliance on food chains and also exposed weakness in many countries' domestic production due to the dependency on migrant labour. Lisa's work makes a substantial contribution to building a better and healthier future for all."*

Professor Gioia Pescetto, Laurea, MA, PhD, FHEA  
Executive Dean, Faculty of Business and Law



### *SDG 3: Health & Wellbeing*

Apart from an article proposing spatial metrics for well-being in OECD countries (Greco, OSM), research exploring wellbeing in UK higher education (Strevens, Law) and research on food safety that is highly relevant for human health (see SDG 2); our Faculty contributions to SDG 3 are focused in developing countries. Emblematic of this focus is the forthcoming book: *Global Health and the Emerging World: An integrated international trade approach* (Choukrone, Law). Other topics include Mental health in higher education in South Africa (Bezuidenhout, OSHRM); the work-life balance of female doctors in Nigeria (Oruh, OSHRM); Ebola and state legitimacy (Onder, E&F) creative technology to raise breast cancer awareness in India (Carter, Marketing).



### *SDG 4: Quality Education*

The central contribution of the Faculty of Business and Law to SDG 4 is through its teaching, that is fully aligned with SDG 4 target 7: “all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and culture’s contribution to sustainable development”. However, our research outputs provide further insights towards the achievement of quality education in higher education institutions, through:

- the study of the promotion of entrepreneurial activities in higher education (Kibbs, Marketing; Pickernell, SEI; Huang, SEI);
- the benefits of interdisciplinary education, combining nursing and law (Woodhouse, Law) and interdisciplinary student clinics (Strevens, Law);
- the use of appraisal to improve the effectiveness of students’ assessment (Feast, Law);
- educating for Wellbeing in Law (Strevens, Law)
- the impact of social relationships in teacher’s use of research (Brown, OSHRM);
- experiential learning through engaging with the Third Sector (Murzacheva, SEI).

The second stream of research focuses on improving higher education in developing countries (Bezuidenhout, OSHRM; Ghulam, E&F). For instance, two articles exploring productivity and efficiency differentials between Saudi higher education institutions (Ghulam, E&F).



## *SDG 5: Gender Equality*

SDG 5 aims to achieve gender equality and empower all women and girls. The bulk of faculty research outputs contribute to a better understanding of how to achieve gender equality in the workplace. These include a reflection of gender and the research excellence framework for higher education institutions (Yarrow, OSHRM); mobility of married women in the Indian IT sector (Tanwar, OSHRM); female CEOs and core earnings quality (Aboud, F&A); women in public policy and public administration (Johnston, OSHRM); under-representation of women impact case leaders (Yarrow, OSHRM) and localized gender disadvantages for female entrepreneurs (Murzacheva, SEI). In turn, Smith (SEI) warns about gender discrimination in news media sexualisation of jihad (Smith, SEI).

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### *SDG 5 Highlight: Professor Karen Johnston (OSHRM)*

<https://www.port.ac.uk/news-events-and-blogs/news/professor-receives-international-award-for-gender-equality-research>

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In recognition of her research into gender equality, Karen Johnston, Professor of Organisational Studies, received the prestigious 2018 Julia J. Henderson International Award from the Section on Women in Public Administration (SWPA) in the United States in recognition of her **research into gender equality**.

The Award, originally established in 2007, recognises commitment to international public administration, in particular, or international public service in general, by a lifetime of public service; or to careers in international public administration and public service.

Professor Johnston said: "I am deeply honoured to receive this award. I am particularly humbled that a prestigious learned society has thought me worthy of such an award named in honour of Dr Henderson, who was a pioneer in public administration scholarship. She was the first director of the Bureau of Social Affairs in the United Nations and throughout her career advancing the rights of women."

Dr Hillary Knepper, Chair of the SWPA National Awards Committee, said: "Professor Johnston has turned the international spotlight on critical gender issues in public management through her rich scholarship and service activities. We are excited to recognise her dedication, success and significant work and are gratified she will be joining us."

Throughout her career, Professor Johnston has made enormous contributions to the literature on gender equality and representativeness. Her research has been widely published in multiple outlets, from books to journals such as Public Administration, Policy and Politics and the International Review of Administrative Science. These high visibility journals have raised global awareness about gender and the representation of women.





### *SDG 6: Water and Sanitation*

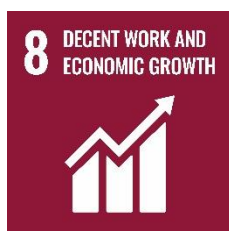
SDG 6 aims to ensure availability and sustainable management of water and sanitation for all. Aspects related to this goal such as water-use efficiency, integrated water resource management, improvements in water quality and protection of water-related ecosystems are reflected upon in some of the outputs related to blue governance (Fallier, E&F; Thorpe, E&F). For instance, in Fallier's assessment of reservoir water quality in Nigeria.



### *SDG 7: Affordable and clean energy*

SDG 7 aims to ensure access to affordable, reliable, sustainable and modern energy for all. The faculty contributions broadly can be grouped into two:

- First, we find studies in the oil market with implications for energy security and advanced and cleaner fossil-fuel technologies. With research outputs such as oil volatility and oil and gas firms diversification (Antonakakis, E&F); gasoline demand, pricing and social welfare in Saudi Arabia (Hunt, E&F); oil price differentials (Filippidis, E&F); volatility forecasting (Chatziantoniou, E&F); oil market reactions to OPEC (Fallier, E&F); spillovers between oil and gas prices (Drakeford, E&F); impact of energy price reforms in intergenerational welfare in Saudi Arab (Hunt, E&F).
- Second, we find studies of energy efficiency. Focusing on energy efficiency practices of SMEs in Ghana (Kysz, E&F); financial support and technological progress for energy efficiency in China (Drakeford, E&F); measurement of underlying energy efficiency in GCC countries (Hunt, E&F); effects of electricity distribution in persistent and transient energy efficiency in Germany (Badunenko, E&F).



### *SDG 8 Decent Work and Economic Growth*

### *SDG 14 Life Below Water*

SDG 8 aims to promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all. Research providing strong insights into challenges affecting progress towards the achievement of SDG 8 is also carried out across all subject themes. There is a strong record in research in Employment Relations and Human Resource Management, in development studies in the Economics Research Group (ERG) and the Finance Research Groups (FRG). Researchers in these groups have a focus on transdisciplinary research that is an objective shared with the cross-faculty Development Studies Group (chaired by Prof. Andy Thorpe, E&F). The Development Studies Group (DSG) is supported by University and Faculty funding to bring together multidisciplinary expertise on development-related

themes from across the fields of Anthropology, Computing, Economics, Engineering, Environmental Research, Geography, Marketing, Medicine, Operations Research, Political Science and Sociology.

Among the 45 pieces of research published during 2018-2019 that contributed to SDG 8, we can mention topics such as the relations between entrepreneurship and economic growth (Pickernell, SEI; Vyas, SEI); post-disaster economic growth through tourism (Lai, OSHRM); employability (Batistic, E&F); employment law (Connolly, Law); Green Finance (Fallier, E&F); economic policy uncertainty (Drakeford, E&F; Antonakakis, E&F); Kuznet Curve (Collins, E&F); labour and employment in developing countries -for instance, labour relations (Bezuidenhot; OSHRM; Oruh, OSHRM) and employment transformation (Collins, E&F) in Africa; global unions (Rueckert, OSHRM); learning and collaboration in the informal economy (Bezuidenhot, OSHRM; Vazquez-Brust, SEI); sharing economy (Nieto-Garcia, Marketing; Trott, SEI; Shen; A&F); and digital economy (Nunan, Marketing; McCalman, OSHRM). McCalman has also published a book on "Digital experiences in high-performance work systems". Although one of the targets of SDG relates to the formalization and growth of small and medium enterprises (SMEs), we will discuss research in SMEs when we outline contributions to SDG 9.

The strongest sub-stream of research in SDG 8 is in the economy of the oceans and Blue Governance, at the intersection of SDG 8 and SDG 14 (life below water). Blue Governance is an emerging concept and integrates Blue Economy and Blue Growth with the governance principle and the protection of biodiversity and life below water. Governance refers to structures and processes that are designed to ensure accountability, transparency, responsiveness, rule of law, stability, equity and inclusiveness, empowerment, and broad-based participation. Late in 2019, the University of Portsmouth created the Centre for Blue Governance (CBG), led by Professor Peter Fallier (E&F) at the Faculty of Business and Law. CBG aims to meet the holistic and multi-disciplinary research approach needed to inform blue governance mechanisms. It takes a more expansive view of Blue Economy to encompass marine and freshwater systems and conceptualises them as development spaces. 20 academic outputs are related to Blue Governance, in particular inland fisheries (Thorpe, Fallier, Forse, Drakeford, Zepeda, all in E&F), ecosystem valuation (Fallier, E&F) and conservation of marine ecosystems in developing countries (Fallier, E&F; Phang, E&F).

*SDG 14 Highlight: Centre for Blue Governance*

**Governance in the UN Decade of Ocean Science for Sustainable Development**

*The University of Portsmouth Blue Governance Centre focuses on sustainable development, the equitable use of natural systems for economic growth and societal needs while protecting biodiversity and environmental integrity.*

Directed by Pierre Fallier (E&F), Professor in Economics, the CBG was established in September 2019 to serve as a cross-faculty research centre to draw on individual expertise and facilitate interdisciplinary collaboration in addressing theoretical and applied aspects of sustainable use of the aquatic systems. Currently, there are over 40 members who tackle new and current research themes but also elaborates on new research areas. The work encompasses numerous sub-topics and four central themes:

<ul style="list-style-type: none"> <li>• Coordination of aquatic economic sectors and inclusion of non-market services (ecological services)</li> <li>• Spatial planning</li> <li>• Maritime security and maritime domain awareness</li> <li>• SDG14 implementation</li> <li>• Integrated coastal zone management</li> </ul> <p><b>Blue policies, planning and security</b></p> 	<ul style="list-style-type: none"> <li>• Marine renewables energies</li> <li>• Logistics and safety Shipping</li> <li>• Port management</li> <li>• Oil Spill prevention</li> <li>• Biofouling and anti-fouling</li> <li>• Off-shore technologies</li> </ul> <p><b>Blue energy, technologies and transport solutions</b></p> 
<ul style="list-style-type: none"> <li>• Marine and coastal ecosystem functioning</li> <li>• Ecosystem carbon sequestration and storage</li> <li>• Ecosystem resilience</li> <li>• Marine debris litter and plastics</li> <li>• Biodegradation and bioprospection</li> <li>• Marine and coastal ecosystem service valuation</li> </ul> <p><b>Biodiversity, blue carbon and climate change</b></p> 	<ul style="list-style-type: none"> <li>• Fishery management</li> <li>• Fishing by-catch of birds, turtles and mammals</li> <li>• Aquaculture developmen</li> <li>• Marine protected areas</li> <li>• Habitat restoration</li> </ul> <p><b>Aquatic resources management</b></p> 

The CBG contributes towards the UN Decade of Ocean Sciences for Sustainable Development 2021-2030, which focuses on the contribution of ocean services towards the 2030 SDG Agenda. Members of the Centre have attended regional and global workshops dealing with the implementation of the Decade as well as peer-reviewing its implementation plan



### *SDG 9 Industry, Innovation and Infrastructure*

SDG 9 aims to build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation. Research aligned with SDG 9 can be found across research groups in the Faculty. Two of the most active and directly relevant to SDG 9 are the Product Innovation Research Group (PIRG) and the Small Enterprise, Entrepreneurship and Enterprise Development (SEED) Research Groups. Target 3 of SDG 9 is “to increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets”. Outputs published in SMEs and entrepreneurship research includes topics such as: learning in SMEs (Short, OSHRM; Battisti, SEI), Human Resources and SMEs ( Short, OSHRM); critical realism in entrepreneurship ( Hui SEI); SME’s tax behaviour (Battisti, SEI); SME’s finance and bank power (Huang; A&F); SME policy (Battisti, SEI); social entrepreneurs in challenging places (Pickernell, SEI); microfinance and financial inclusion (Da Silva Affonso, A&F); financial crisis and SME’s credit (Ghulam, E&F); buying decisions of SME (McGowan, Marketing) and entrepreneurial attitudes and opportunities in social entrepreneurship (Pickernell, SEI).

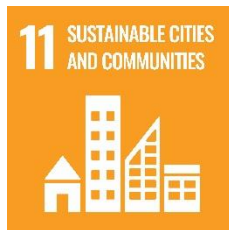
Targets 4 and 6 of SDG 9 put the accent on innovation and technology. In turn, our Faculty’s innovation-related outputs investigate innovation and social capital (Pickernell, SEI); Hight tech SMEs performance (Trott, SEI); Public Sector Innovation (Cinar, SEI); crowdfunding (Nguyen, E&F); piratical innovation and firm growth (Nunan, Marketing); innovation and financial crisis (Nguyen, A&F); complementarities between product and process innovation (Laczko, SEI); innovation performance and clustering (Pickernell, SEI), innovation and SME growth (Huang, SEI); human capital and entrepreneurial innovation (Vyas, SEI) and blockchain technologies (Unalan, SEI). Some outputs specifically explore sustainable innovation and therefore contribute as well to SDG 12; for instance sustainability in open property regimes (Phang, E&F) or green innovation and government subsidies (Drakeford, E&F); and to SDG 7 as in the case of papers in electrification and technological disruptions (Hunt, E&F) and offshore wind-farms (Akbari, OSM).



### *SDG 10: Reduce inequality*

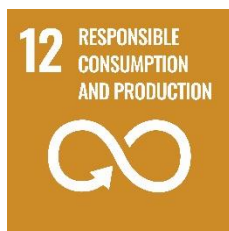
SDG 10 aims to reduce inequality within and among countries. Most of the 28 research contributions aligned with SDG 10 focused on research to reduce inequality within countries; aimed to better understand drivers and barriers to empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion, economic or another status. Examples include the influence of internal law in legally embedded exclusions in India (Choukrone, Law); victimization under equality law (Connolly, Law); institutionalization of slavery (Craig, A&F); discrimination on labour and house markets (Rich, E&F); vulnerability in the ageing (Bedford, Law); the centrality in UK law of the idea of the equal worth of each human being (Bedford, Law); fairness ideals in unstructured bargaining (Luhan, E&F); criteria for assigning a house for refugees (Greco, OSM); land dispossession and caste relations in India (Das, OSM); narratives of dispossessed and casteless (Das, OSM); charity, activism

and social justice (Anderson, OSHRM); diversity in the legal academia (Harrison, Law) and spatially concentrated deprivation and entrepreneurship (Murzacheva, SEI). Only one paper during these 2 years focused on inequalities among counties, analysing financial connectedness between Eurozone core and periphery (Magkonis, E&F).



### *SDG 11: Sustainable Cities and Communities*

SDG aims to make cities and human settlements inclusive, safe, resilient and sustainable. Outputs related to this goal provide insights into planning and policy for resilient cities and regions (Acuti, Marketing); how to improve inclusion with criteria to allocate housing for refugees (Greco, OSM) or expanding the fair-trade town movement (Anderson, OSHRM); and how to make cities more sustainable through reductions in the negative environmental impacts of convention and exhibition centres (Zhang, Marketing) and increase in the use of shared bikes (Shen, A&F). Several targets in SDG 11 are related to disaster risk prevention and mitigation, these align with published Faculty research in disaster prevention (Hadleigh-Dunn, SEI) and post-disaster reconstruction (Lai, OSHRM).



### *SDG 12 Sustainable Consumption and Production*

SDG 12 aims to ensure sustainable consumption and production patterns. This SDG has the highest number of contributions from the Faculty, with 47 outputs addressing a broad range of aspects. Research in Sustainable Production and Consumption is relatively recent in the Faculty of Business and Law but has been steadily growing and engaging staff across all subject themes. The Research Group in Sustainable Development Goals and the Environment lead by Prof. Diego Vazquez-Brust (SEI) has an explicit focus on sustainable production and consumption, affordable and clean energy and in responsible practices in developing countries.

Two main clusters of research can be differentiated:

- Research in sustainable production, with three streams:
  - *reporting and disclosure*. Aspects related to voluntary disclosure of environmental, social and governance (ESG) practices or corporate social responsibility performance have been explored in particular within the Accounting and Finance research group. Research outputs cover a variety of topics such as quality of disclosure (Hussainey, A&F); ESG ratings (Aboud, A&F); engagement with disclosure (Hussainey, A&F, Craig, A&F); relation with the cost of debt (Aboud, A&F); relation with firm value in developing countries (Aboud, A&F); relation with greenhouse gas emissions (Hunt, E&F); relation with business performance (Hunt E&F; Gong SEI).
  - *sustainable supply chains*. Studies looking at sustainable supply chains has been growing within research in Operations and Systems Management and Strategy, Innovation and Enterprise. Research outputs cover a variety

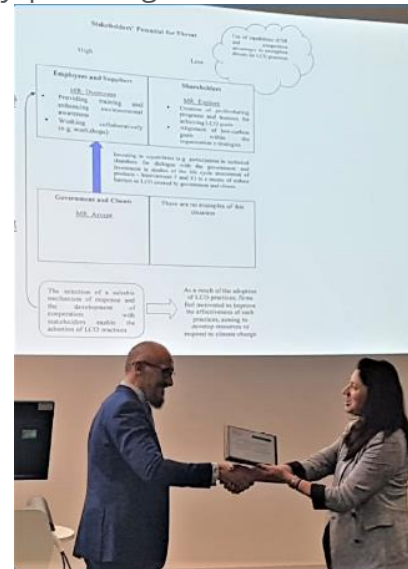


- of topics such as green supply chain practices (Vazquez-Brust, SEI; Gong SEI); sustainability supply chain metrics for small and medium enterprises (Vazquez-Brust, SEI); carbon reduction in supply chains (Lundy, OSM); customer influence on sustainable supply chain management (Gong, SEI); social sustainability in supply chains (Kusi-Sarpong, SEI); innovation for sustainability in supply chains (Kusi-Sarpong, SEI); human resources and green supply chain management (Ishikaya, OSM); evaluation of supplier sustainability (Kusi-Sarpong, SEI).
- *circular economy*. A cluster of outputs explored the Circular Economy (CE) and related concepts (reverse logistics, reuse, recycle). This research provides insights into CE benefits and limitations (Vazquez-Brust, SEI); CE and innovation (Kusi-Sarpong, SEI); CE and industry 4.0 (Kusi-Sarpong, SEI); sustainable reverse supply chains (Krzyzaniak, OSM); reuse of abandoned buildings (Greco, OSM); workers' suffering and health and safety in e-waste recycling (Warren, OSHRM).
  - Research in sustainable consumption,
    - *meso level* determinants of corporate social responsibility. A substantial contribution has been made by the Faculty of Business and Law in terms of research helping to understand how to promote the implementation of responsible and sustainable production practices. aspects improving understanding of the relations between corporate sustainability/CSR practices and other organizational aspects such as organizational trust (Bhatti, OSM); quality management (Reed, OSM); fair trade (Anderson, OSHRM); corporate innovation, as mediator between CSR and firm value (Albitar, OSM); online customer reviews (Viglia, Marketing); embeddedness, resources slack and clean technology adoption (Bhatti, OSM); faith-based processes (Vazquez-Brust, SEI); cause-related marketing in international business-to-business (Wu, Marketing);
    - *macro-level determinants of CSR/environmental practices*, such as foreign direct investment and CSR (Choukrone, Law); foreign direct investment and environmental performance (Fallier, E&F); stakeholder engagement and green branding (Acuti, Marketing); market incentives and adoption of clean technology (Bhatti, OSM);
    - *micro-level determinants of environmental protection practices*, mainly conducted from a marketing perspective. Looking at sustainable food consumption practices, plant-based diets (Ekinci, Marketing); vegan diet (Pino, Marketing); religiosity and customers' pro-environmental behaviour (Ghaffari, Marketing); personal reputation and sharing economy (Nieto-Garcia, Marketing); sales shopping and environmental destruction (Sit, Marketing).



### *SDG 13: Climate Action*

SDG 13 aims to take urgent action to combat climate change and its impacts. Several faculty outputs improve our understanding of how to best integrate climate changes measures into national policies, strategies and planning. They do so by providing tools for a multi-criteria analysis of air pollution in Europe that goes beyond CO<sub>2</sub> to mitigate climate change (Ishikaya, OSM); providing insights into the linkages between the blue economy and climate change in Bangladesh (Fallier, E&F); analysing alternative cost pooling strategies for carbon-reduction outsourcing (Lundy OSM); and assessing the contribution of shared bikes to CO<sub>2</sub> emission in Beijing (Shen, A&F). A conference paper investigating corporate responses to climate change: “The interplay between stakeholders, resources and capabilities in climate change strategy: converting barriers into cooperation” (Vazquez-Brust, SEI) was awarded best paper by the Sustainable and Responsible Business track of the British Academy of Management Conference 2019.



### *SDG 15: Life on Land*

SDG 15 aims to protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss. Although our Faculty contribution to this goal is not extensive in the number of outputs it has made substantial impact in policy. The highlights are studies on ivory bans and biodiversity (Cox, Law); recommendation for the disruption of wildlife crime (Reed, OSM); a decision-maker oriented review of ecosystem services valuation (Fallier, E&F); and a regional assessment report on biodiversity and ecosystem services for Africa (Fallier, E&F).

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### *SDG 15 Highlight: The Ivory Project*

*(<https://services.parliament.uk/Bills/2017-19/ivory/committees/houseofcommonspublicbillcommitteeontheivorybill201719.html>)*

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Caroline Cox, a member of the Portsmouth Law School and the University of Portsmouth's Institute of Criminal Justice Studies (ICJS), is the research lead in the University of Portsmouth Ivory Project. The project analyses the sale of illegal ivory through various routes in the U.K. and overseas, emphasizing on the British antique trade. This project also investigates other wildlife crimes, including pangolin trafficking and rhino poaching. The work of the Ivory Project into the sale of ivory by the British antique trade was published in the report *The Elephant in the Sale Room* and was used by the British Government as part for their Impact Assessment into potential changes in the law regarding the sale of ivory in the UK. On the 18th December 2018, the Ivory Act 2018 became law.



#### *Related published articles*

- Disrupting wildlife crime: the benefits of meaningful collaboration Dr Paul Smith, Dr Nick Pamment, Mrs Caroline Cox, Ms Jacqueline Ann Reed, Dr Brian Chappell & Christian Plowman , 29 Apr 2019, In Forensic Science International.
- We all stand together: Africa takes the lead in wildlife protection Mrs Caroline Cox, 9 Jun 2018, ISPI Dossier.
- Five ivory objects that will be exempt from a proposed trade ban Mrs Caroline Cox, 10 Apr 2018, The Conversation.
- Paradigm shift as African countries throws their weight behind ivory ban Mrs Caroline Cox, 22 Mar 2018, The Conversation.



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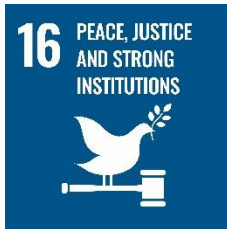
*"We are immensely proud to host the Ivory Project. Caroline Cox has been influencing and leading the debate on the illegal ivory trade, literally from the House of Commons all the way to the Botswana bush and the far east markets. To help her with this effort, Caroline has assembled a multidisciplinary team from the University of Portsmouth - Dr Paul Smith, forensic scientist, and Dr Nick Pamment, criminologist - and the University of Kent - Dr Dave Roberts, botanist."*

Professor Gioia Pescetto, Laurea, MA, PhD, FHEA  
Executive Dean, Faculty of Business and Law

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### *SDG 16 Peace Justice and Strong Institutions*

SDG 16 aims to promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels. SDG 16 with its emphasis on justice is at the core of research and teaching in Portsmouth Law School but also features strongly in research in fraud in the accounting and finance research group, and studies on war and conflict in the international business research group at the strategy, innovation and enterprise theme. 41 outputs of the Faculty of Business and Law are related to SDG 16.

- Some of them provide insights contributing to reducing all forms of violence, looking at torture (Kirabara, Law; Bedford, Law), open conflict (Pitardi, Marketing; Khalfey, SEI) and drone wars (Lee, SEI).
- The second group of research focuses on fraud, corruption and bribery, proposing anti-bribery practices in sports (Philippou, A&F); analysing bid-rigging in public contracts (Giosa, Law) and how to promote damage claims for bid-rigging (Giosa, Law), or studying fee fraud (Nicolaidis, A&F), occupational fraud and fraud risk factors (Nicolaidis, A&F). Here we can also place several studies in fraud in the food industry (Jack, A&F; Kryzaniak, A&F) that are discussed more in detail in SDG 2.
- The third branch of outputs contributes to the development of effective and transparent institutions. These outputs analyse central bank transparency and uncertainty (Woods, A&F); highlight the (negative) effects in human rights protection of Tanzania's withdrawal from the African Court (Kirabara, Law); scrutinize the foreign and Commonwealth Office's administration and funding of its human rights work overseas (Smith, Law); unpack the impacts of corporate governance reform in the UK (McCalman, OSHRM).
- Finally, the fourth stream of research investigates ways to combat terrorism and crime. Analysing how Muslim religious leaders can reduce extremism (Foroughi, OSHRM), factors influencing terrorism in North Africa (Safi, SEI) and drivers of Global Jihad (Smith, Law).

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*SDG 16 Highlight: Fighting Monopolies*

<https://www.port.ac.uk/news-events-and-blogs/news/study-calls-for-industry-legislation-to-build-a-better-future-in-developing-countries>

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**The study calls for industry legislation to build a better future in developing countries**

Using the cement industry in Pakistan as an example, a study lead by Dr Yaseen Ghulam (E&F), Senior Lecturer in Economics, the study, suggests that ongoing reforms to curb monopolies in developing countries, will not bring about the desired policy aim of creating a 'level playing field'.

The researchers argue that to make industry competitive and efficient, what is needed is an effective and authoritative regulatory framework and efficient legal and court procedures, backed by legislation, as well as a reduction of government interventions in investigations of market abuse and the subsequent collection of fines.

They further argue that regulatory bodies should keep a close eye on particular industries with higher costs. In particular, those industries with transportation issues, such as cement due to the bulky nature of the product and exclusionary practices that make it easy to exercise significant market power and form tacit collusion due to the building of larger production capacities, among other factors, need to be carefully regulated and monitored.

Dr Ghulam said: *"Due to interconnected conglomerates' tactics, such as exclusionary practices, the acquisition of smaller competitor firms and the addition of significant capacities, the industry has witnessed a stable degree of seller concentration after broader reforms including privatisation.*

*"Consequently, colluding conglomerate firms have been able to maintain control oversupply and prices for two decades in the post-reform period, despite allegations of tacit collusion leading to the imposition of fines and the issuing of warnings by the regulator, which is, however, weak and inefficient."*













***SDG 17: Partnerships for the Goals,***

SDG 17 aims to strengthen the means of implementation and revitalize the global partnership for sustainable development. Although 23 research outputs had implications for SDG 17, these were mainly cross-cutting papers that also focused on another SDGs, which is expected since SDG 17 is about setting the conditions needed to collaboratively progress on the goals. We mention therefore only those papers where the focus was more in the collaboration or enabling conditions for collective action, such as Funder motivations in online crowdsourcing campaigns (Nguyen, E&F); social capital and online volunteers (Oh, E&F); international legal cooperation to intercept communication (Kuskonmaz, Law); collective action to prevent fraud in the wine-making industry (Jack, A&F); collaboration to disrupt wildlife crime (Reed, OSM); participation in post-disaster reconstruction (Lai, OSHRM); dialogue within multi-stakeholder cooperation (Todorow Di San Giorgio, OSHRM); stakeholder engagement and dialogic accounting (Acuti, Marketing).

## Faculty of Business and Law Research Funding (related to PRME principles)

### Grants

The Faculty of Business and Law is the managing unit for several grants that contribute to progress towards SDGs and some of these were awarded during 2018-2019, either sole to the Faculty or in collaboration with other faculties. SDG-related funding amounted to £ 3,214,489 and represented 79% of total funding won by the Faculty of Business and Law in the period considered in this report. The projects awarded grants are listed below.

	<p><b>Interreg</b></p> <ul style="list-style-type: none"> <li>• Accelerating Women's Enterprise (AWE); SDG 5 - Zoe Dan, SEI - £211,649</li> <li>• PLASTICITY; SDG 12 - Diego Vazquez Brust, SEI - £324,139</li> </ul>	 
	<p><b>European Commission</b></p> <ul style="list-style-type: none"> <li>• PANDORA; SDG 14 - Ben Drakeford, E&amp;F - £296,926</li> <li>• The Atlantic Action Follow up plan; SDG 14 - Ben Drakeford, E&amp;F - £82,965</li> <li>• GREPPAO; SDG 1 &amp; SDG 14 - Pierre Fallier, E&amp;F - £1,200,041</li> <li>• MOVE ON; SDG 14 - Pierre Fallier, E&amp;F - £129,050</li> </ul>	 
	<p><b>Care International UK</b></p> <ul style="list-style-type: none"> <li>• Social Impact Study in Zimbabwe and Pakistan; SDG 8 - Wolfgang Luhan, E&amp;F - £16,667</li> </ul>	
	<p><b>NHS Solent Research Trust</b></p> <ul style="list-style-type: none"> <li>• Gap analysis research Health and Social Care leader development needs compared to current MBA senior leader syllabus; SDG 3 - Nick Capon, SEI - £5,000</li> </ul>	
	<p><b>Food Standards Agency</b></p> <ul style="list-style-type: none"> <li>• Costs of Food Crime; SDG 2 and SDG 16 - Lisa Jack, A&amp;F - £30,000</li> </ul>	 
	<p><b>British Academy</b></p> <ul style="list-style-type: none"> <li>• Country by country reporting and Tax Avoidance evidence from the UK; SDG 16 - Aboud Ahmed (A&amp;F) - £3,060</li> </ul>	

## *Interreg-2-seas*

Interreg-2-seas funded projects are particularly relevant to PRME because they funding scheme aims to promote multi-stakeholder partnerships for sustainable development aligning with SDG 17 objectives of building platforms for collaborative efforts between academic institutions, the private sector, the government and civil society organisations. Interreg-2-seas projects have a distinctive focus on impacts in society through quantifiable deliverables; and a localized approach that promotes regional and city development in concordance with SDG 11. The 2 projects where the faculty is the leading UK partner are detailed below.

### SDG5: AWE (Accelerating Women's Enterprise)



- Total funding € 2,611,182
- Objective: Social Innovation.
- Countries: France & UK
- Portsmouth Lead: Zoe Dann (SEI)
- CI: David Pickernell (SEI)

Project AWE (Accelerating Women's Enterprise) will bring together organisations working in business creation to address the gender imbalance in business start-ups, where men are currently twice as likely to start a business compared to women.

The project will use expertise from both sides of the Channel to train and recruit over 160 specialist mentors. The mentors will then be paired with disadvantaged women where they will help coach and support them with business skills such as finance management, marketing and access to markets.

In addition to the mentor training, the project will also create other training content including an e-learning platform and business boot camps which will help reach and train a larger number of disadvantaged women.

At the end of the 3-year project, AWE will have trained over 700 women and helped create 130 jobs.

### SDG 12: PlastiCity: Resourcing Plastics from the City



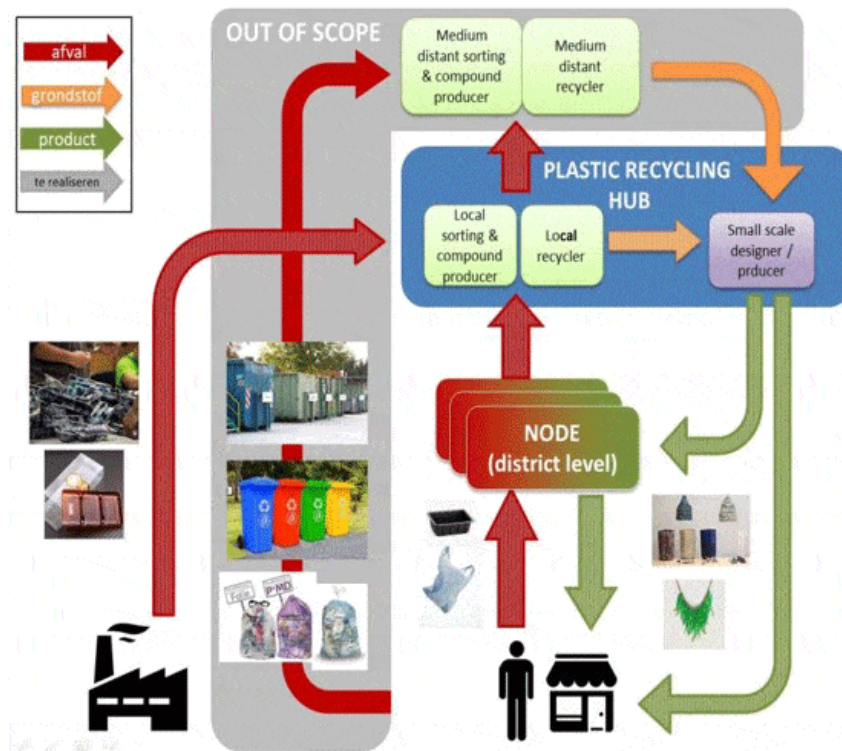
- Total funding € 5,501,451
- Objective: Resource Efficiency.
- Countries: UK, The Netherlands, Belgium and France.
- 17 partners of which only the University of Portsmouth and Ghent University are academic.
- Portsmouth Lead: Diego Vazquez-Brust (SEI)
- CI: Mengfeng Gong (SEI)

The 2 Seas region is one of the most proliferative regions in the EU when it comes to generating plastic waste, but overall, plastic recycling rates are incredibly low (20-30%). Within the urban environment – often including cities near water bodies – a lot of plastic waste is available that would, in terms of quality, technically be eligible for recycling but is not effectively validated. These so-called 'lost plastics' can form a prominent role in the circular economy, providing actors and stakeholders with an economic opportunity to

benefit by stepping away from traditional plastic disposal methods. These economic opportunities are not fully known/understood, collection logistics not fully developed, sorting facilities not well equipped or stakeholders not fully engaged. These are all barriers to realize the full potential of plastic in the circular economy and need to be overcome if the 2S region is to play a key role in delivering the EU strategy for plastics in the Circular Economy.

The objective of the PlastiCity project is to develop replicable strategies and solutions that can increase recycling rates in urban environments from 20-30% to over 50% by unlocking the use of 'lost plastics' as secondary resources from the urban environment. Additional objectives are:

- Develop technical strategies for (reverse) logistics and reprocessing
- Inducing behavioural change and creating capacity of stakeholders such as local governments and companies through urban platforms
- Demonstrate this in 4 case study cities in the 2Seas area (Ghent (BE), Den Haag (NL), Southend On Sea (UK) and Douai (FR))
- Creating new value chains and designing new products, amongst others by unlocking the full potential of 'medium' size actors (SME's, offices, retail, schools, etc.)
- Deploy a mobile unit for testing, demonstration and sensitisation
- Create business activity and employment in the circular economy (100-400 jobs)



European Commission: Management and resilience of small pelagic fisheries in West Africa – GREPPAO



PI: Pierre Fallier (E&F) - £1,200,041 – **SDG1 & SDG 14**



West African countries face a critical challenge in managing and conserving transboundary Small Pelagic (Tsp) stocks in a perspective to fight poverty and ensuring food security for coastal communities. The European Union (EU) through the Regional Program for the Improvement of Regional Governance of Fisheries in West Africa (PESCAO) has funded the GREPPAO project as part of the overall goal of the PESCAO to improve the contribution of fisheries resources to sustainable development, food security and the reduction of unemployment in West Africa.



Spread over three years (2019-2022), the GREPPAO action has set itself the specific objectives of improving the contribution of transboundary small pelagic fisheries (Tsp) to the food security of West African populations, to increase the added value created along the Tsp value chain to Tsp and finally to contribute to the management of migrant fisheries related to Tsp.

The process of implementing the action focuses on three main activities: Firstly, the conduct of participatory research work, then, the link between research and public policies - and finally, the strengthening of capacities and the improvement of the knowledge and practices of the target groups. The implementation of such activities will be carried out through various tasks implemented in a participatory and inclusive way by the institutions of the countries involved: Mauritania, Senegal, Gambia, Guinea Bissau, Guinea, Ivory Coast, Ghana and Benin.

The research work is divided into 4 tasks corresponding, for each of them to one of the specific objectives (Present and prospective analysis of the consumption of fish in 2030 in the ECOWAS area; Analysis of the value chains and evaluation of the societal cost of consumption of small pelagic fish; Analysis of the impacts of the migrant fishery; Organization of an international symposium). The research will also lead to the writing of articles submitted to scientific journals.

In terms of capacity building and improving the knowledge and practices of the target groups, the work will, on the one hand, build the capacity of social scientists working in research centres and universities who participate in the GREPPAO action. Moreover, it will help to improve the knowledge and practices of target groups, for the most part, during participatory research missions.

The overall vision of the GREPPAO action is to respond to management imperatives but also to build the capacity of West African research, particularly in the economic and social aspects applied to the fisheries sector and a need for the consolidation of inter-institutional cooperation (including national and regional research / public policy dialogue).



## Doctoral Students registered during 2018-2019 with a thesis exploring topics related to SDGs.

The Faculty of Business and Law hosts a thriving community of PhDs endeavouring to advance knowledge in topics related to UN SDGs. From January 2018 to December 2019 a total of 68 doctoral candidates registered to start their PhD. Out of these 68 doctoral students, 33 (49%) are working in SDG/PRME related topics. The year to year trend shows sustained interest, with the percentage of PRME-SDG registrations to total registrations growing from 43% in 2018 to 59% in 2019.

																
0	1	1	0	0	0	1	2	1	2	0	18	0	0	0	5	4
0%	3%	3%	0%	0%	0%	3%	6%	3%	6%	0%	55%	0%	0%	0%	15%	12%

By far the most popular SDG is SDG 12: Sustainable Consumption and Production. Eighteen thesis address themes related to SDG 12 out of the total 33 SDG-related doctoral thesis proposals (55%).

Among the SDG 12 related thesis, a small cluster of five doctoral students in Strategy, Enterprise and Innovation, work analyses the impacts that Multinational Enterprises (MNEs) operating in developing countries have in SDGs, with four of them specifically researching Multinational Enterprises and Sustainable Development Goals in Sub-Saharan Africa.

Multinational Enterprises and Sustainable Development Goals in Sub-Saharan Africa

Amy Jackson - recipient of BaL doctoral grant 2018 focus on the relation between MNEs, cultural capital and progress towards SDG in Ethiopia

Ndidi Airhinen - researches conflict between oil extracting MNEs and communities in Nigeria; with a focus on the relations between company actors and community actors

Ijeoma Amechi - applies multiple criteria decision making methods to find a hierarchy of SDG and guide MNEs budget allocation decisions in Nigeria

Marion Onguka - explores the role played by sustainability consultants in the performance of MNEs operating in Kenya in relation to SDGs



## Principle 5 | Partnership

“We will interact with managers of business corporations to extend our knowledge of their challenges in meeting social and environmental responsibilities and to explore jointly effective approaches to meeting these challenges.”



The Faculty of Business and Law takes partnerships into the core of teaching. The Business consultancy project and the Winning New Contacts event are an example of this.



Business consultancy firms that have a business challenge that needs practical solutions, but doesn't have the time or money to dedicate to it can get access to our Business Consultancy Projects (BCP). BCP involves small teams of students from a wide range of business courses, working with local organisations to investigate specific business challenges or opportunities and produce practical solutions. Clients benefit from having a fresh set of minds, from diverse backgrounds, analyzing your business challenge independently. During the annual Business Consultancy Project Awards, students demonstrate how they operate and how local businesses can get involved.



Successful Student Networking Event



*Winning new contacts:* Students had the opportunity to mingle with business people at our Winning New Contacts event, which was held to introduce them to the world of face-to-face networking. This event provided a 'safe' environment for our students to comfortably network with local businesses and build on their soft skills that employers nowadays truly desire.



Knowledge Transfer Agreements (KTAs) and other sources of income:


**Innovate UK and Moma Foods**




- Food industry KTA SDG 9 - £290,550
- PI: Dr Chris Simms (SEI). CI: Prof Paul Trott (SEI), Joe Sekhon ( Law)
- To establish and embed capabilities within Moma Foods in new product and manufacturing process development, underpinned by science (enzymatic analysis). This will enable Moma to become a market leader in oat based products, introducing the first fresh not from concentrate Oat Milk made in the UK alongside other oat based vegan foods. Through developing the proposed products this will enable the company to diversify and continue to grow within the UK and EU foods sector.



**Hippeas**



- New product development KTA --£217,761
- PI: Dr Chris Simms (SEI). CI: Prof Paul Trott (SEI), Nicholas Ford (SEI)
- To establish new product and (manufacturing) process development (NPPD) capabilities and a formal NPPD process & framework within Hippeas. This will reduce Hippeas reliance on a single product line, enabling it to diversify, & continue to compete and grow within the UK and EU packaged foods sector.



**Tomato Stall**



- £395,872
- PI: Dr Chris Simms (SEI). CI: Prof Paul Trott (SEI), Nicholas Ford (SEI)
- To enable The Tomato Stall to develop a flexible and agile product development and manufacturing process for an innovative range of new processed food products produced from the waste and excess produce that form a bi-product of agricultural production. This requires accurate real time data forecasting, alongside the development of a new product development and production decision-making process informed by data forecasts. The new products will enable the company to expand into the packaged foods sector.



Members of the Faculty of Business and Law are also Co-investigators in several grants awarded to the University of Portsmouth where the Faculty is not the managing unit. These projects can be found in the University of Portsmouth research portal.



*SDG 9 Highlight: Chris Simms (SEI)*

### **Reader in Innovation Management and New Product Development**

Chris Simms focuses on research primarily in the arena of innovation management and new product development; in particular, He is exploring sustainable innovation within low and medium technology industries and the food industry. Themes include product and process innovation, packaging development and innovation, sustainable product development and eco-innovation, the fuzzy front end of innovation and developing products for the elderly among others.

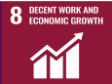














Prof. Diego Vazquez-Brust (diego.vazquez-brust@port.ac.uk)

Dr Maya Zita Piccinni (maya.piccinni@port.ac.uk)

## Global Challenges Research Fund (GCRF)

The Global Challenges Research Fund (GCRF) is a £1.5 billion UK Government fund to support cutting-edge research that addresses the challenges faced by developing countries. The GCRF funding allocated directly to universities through Research England (RE) is called QR GCRF. QR GCRF provide flexible institutional grants that can be used strategically to support either GCRF activity funded through other delivery partners or valuable research that address the problems faced by developing countries that are not funded through the GCRF grants of other delivery partners. Eligible activities include networking meetings and other events to develop sustainable strategies and partnerships for future activities and small pump-priming projects to generate preliminary data. QR GCRF funding received from Research England was internally allocated by the University of Portsmouth to consolidate international partnerships and promote increased engagement with international research networks in the development of projects addressing global challenges in developing countries, in alignment with UNSDG. The Faculty was initially awarded a total £209,350 to conduct eight short one-year projects and a longer two years project.

	Joana Afonso (A&E) - £9,520 • Impact Assessment of Microfinance Collaboration with Lendwithcare
 	Leila Choukroune (Law) - £10,000 • Inclusive and Sustainable Participation of Women in Trade An International Comparative and Interdisciplinary Approach
	Shubhankar Dam (Law) - £3,690 • Republic of Decrees: Why India's Constitution Threatens its Parliamentary Democracy
 	Pierre Failler (E&F) & Andy Thorpe (E&F) - £25,000 • Blue Governance pathway for emerging countries (BLUEGOV)
 	Hamid Foroughi (OSHRM) & Diego Vazquez-Brust (SEI) - £10,000 • South South collaborations for sustainable development: agricultural business investment and knowledge transfer from Brazil into Ghana and Mozambique
	Emeka Oruh (OSHRM)- £1,990 • Capture of Human Resource Development (HRD): A Legitimation Strategy of Petroleum Sector Employers in Nigeria
 	Diego Vazquez-Brust (SEI) - £10,000 • Socially Inclusive Circular Economy in Brazil: Inclusive Strategies and Metrics for Waste Management and Resource Efficiency in Supply Chains
	Hamid Foroughi (OSHRM) & Leila Choukroune (Law) - £7,000 • Social Media Fashion Revolution Project
	Pierre Fallier (E&F), Andy Thorpe (E&F) and Ben Drakeford (E&F) - £132,150 • Blue Governance of Asian Deltas



This project was formed to build relationships with charities in the local community and create mutually beneficial experiences for students relative to their learning by providing students the opportunity to develop both academically and professionally by linking their studies with real life context using aspects of Kolbs learning cycle framework to cement this learning contributing to global sustainability goal 4; quality education.

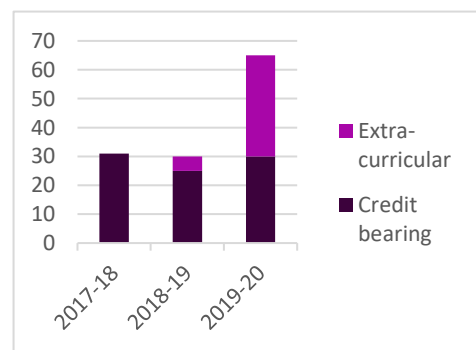
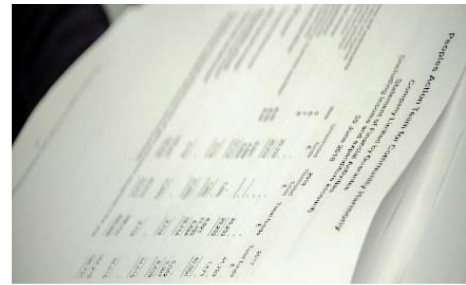
We have found this to be a valuable exercise and has really helped us to develop our relationship with the local community, which has been mutually beneficial for the students' development and for the charities that we work with supporting lots of local charities in achieving their goals such as reducing hunger and poverty.

A big achievement in 2019 is that we increased the opportunity for students to take part in this activity going from 30 students taking part each year at the beginning of 2019 to 65 students taking part by the end of 2019. One of the reasons this expansion was important to us was to improve diversity and make sure that all students had the opportunity and were encouraged and supported to take part in line the un sustainability goals of reduced inequalities and gender equality. We have seen as a result much more diversity in the students taking part.

Some charities have gone out of their way to present thank you letters to the students which has really boosted their confidence and the ICAEW Southern District Society have also contributed to a new graduation prize for students who have performed well on these projects, its great to see students growing professionally and gaining recognition for their contribution.



## Accounting in the Community



*A team of two students carried out our independent examination supervised by their tutor. Working with the students was enjoyable, we felt that a good level of scrutiny was exhibited and they got us thinking about our internal controls. This was a mutually beneficial exercise as it helped us with our governance and saved costs whilst the students fed back that it had really helped them with their learning and their future careers.*

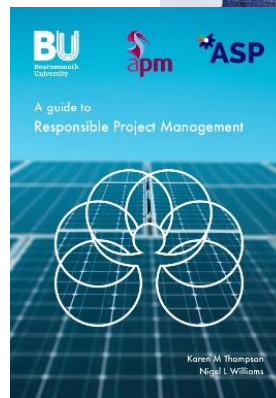
Jan Dod - Peoples Action Team for Community Harmony Ltd.



*SDG 12 Highlight: Nigel Williams (OSM)*

**Reader in Project Management and Research Lead of Operations and Management System.**

The Responsible Project Management initiative began in 2018 with a workshop and we published the first Guide to Responsible Project Management. At the workshop in 2019, we developed and launched a Manifesto, in a similar way to how the Agile movement started. One key feature is that RPM has been built through collaboration among practitioners, educators, researchers and industry, with the leading UK professional bodies involved. APM was an early signatory to the Manifesto and the work received two awards from the Project Management Institute (PMI, UK) in 2019. We had over 100 individual signatories to the Manifesto, and corporate signings by the University of Westminster and global Gleeds, representing thousands of both in the UK and abroad.



construction company  
project professionals

**Outputs:**

<b>2019</b>	<b>From WOM to aWOM – the evolution of unpaid influence: a perspective article</b>	Dr Nigel Leroy Williams, Nicole Ferdinand & John Bustard, 30 Sep 2019, In: Tourism Review. 5 p.
	<b>Together alone: an exploration of the virtual event experience</b>	O. Wereford, N. Ferdinand & Dr Nigel Leroy Williams, 18 Sep 2019, In: Event Management. 23, 4-5, p. 721-732 12 p.
	<b>Levels and interconnections of project success in development projects by Non-Governmental Organisations (NGOs)</b>	Y. Nanthagopan, Dr Nigel Leroy Williams & K. Thompson, 3 Jun 2019, In: International Journal of Managing Projects in Business. 12, 2, p. 487-511 25 p.
	<b>A Guide to Responsible Project Management</b>	K. M. Thompson & Dr Nigel Leroy Williams, 2019, 2nd ed. Bournemouth University. 61 p.
<b>2018</b>	<b>A Guide to Responsible Project Management</b>	K. M. Thompson & Dr Nigel Leroy Williams, 1 Nov 2018, Bournemouth: Bournemouth University. 56 p.
	<b>An examination of DMO network identity using Exponential Random Graph Models</b>	D. Hristov & Dr Nigel Leroy Williams, 1 Oct 2018, In: Tourism Management. 68, p. 177-186 10 p.
	<b>The making of the London Notting Hill Carnival festivalscape: politics and power and the Notting Hill Carnival</b>	N. Ferdinand & Dr Nigel Leroy Williams, 1 Jul 2018, In: Tourism Management Perspectives. 27, p. 33-46 14 p.

Principle 6 | Dialogue

“We will facilitate and support dialog and debate among educators, students, business, government, consumers, media, civil society organisations and other interested groups and stakeholders on critical issues related to global social responsibility and sustainability.”

# Faculty of Business and Law events (related to PRME principles)



## Theme Research Seminars

Two hundred 2 hours of research seminars were delivered across the Faculty by both external and internal speakers. Of these, 69 seminars (34%) discussed SDG-related related research topics and among them covered 15 UNSDGs, with several seminars covering topics relating to more than one SDG. For instance, the seminar “Feeding a city of 2.5 million people: how cities shape food systems and their accounting”, delivered by Lisa Jack in November 2018, has implications for SDG 2 and SDG 11. The table below indicates the number of seminars with contents related to each SDG.



1	2	9	1	2
1	3	9	8	13
1	11	2	14	3

## Business and Law Sustainability Workshops

Business and Law sustainability events are held once or twice a year. These half-day events open to students and the wider community are aligned with BAL’s Sustainable Development Goals Research Initiative and organized by the Faculty’ Sustainability Champion since 2018.

## 2018 SUSTAINABILITY EVENT: **SDG 12**

The event consisted of a large group seminar and a small group workshop on circular economy hosted by BAL and The School of Engineering. The seminar “Discovering the Circular Economy” covered the principles of the circular economy, including macro level impacts and benefits (eg for Europe) and was mainly intended for academics and students, but other interested persons were welcome to join.

The seminar preceded the workshop “Getting started with the Circular Economy what, why, and how”. The workshop explained the circular economy with practical examples for businesses. It was mainly intended as a ‘clinic’ for firms to explore the opportunities to add value to their business offered by circular economy approaches.

### *About the Speaker*

Catherine Weetman. Director of Re-Think Solutions, helps businesses develop ‘future-proofed’, resilient strategies, assessing sustainability risks and value opportunities. She is a Circular Economy Club Mentor and City Coordinator for the Tees Valley. A Visiting Fellow at the University of Huddersfield and Vice-Chair of the Chartered Institute of Logistics and Transport Environment and Sustainability Forum, her career includes Kellogg, Tesco and DHL Supply Chain. Her book, *A Circular Economy Handbook for Business and Supply Chains*, published by Kogan Page.



### *About the Seminar*

Business leaders and governments are puzzling over how to meet the needs of 3 billion new consumers by 2030, against a backdrop of degraded land, mounting waste, climate disruption and over-exploited finite resources - a fantastic opportunity with complex challenges. Organisations in every sector are re-thinking their strategies to be future-fit and resilient - business, as usual, is not sustainable. The circular economy is gaining momentum, solving the issues created by our ‘traditional’ linear economy (take, make, use, dispose of, with waste and pollution at every stage). Circular approaches aim to keep resources in use for as long as possible, extract the maximum value from them whilst in use, then recover and regenerate products and materials at the end of each ‘use’ cycle. It means re-thinking product design, material choice, processes, partnerships and business models.

The seminar explained how circular approaches can benefit business and communities, looking at examples along the supply chain for a range of industries including food, fashion, consumer products and industry. Registered attendees 100.

### *About the Workshop*

This practical workshop helped the business to explore what the Circular Economy is, why it’s good for their organisation, and how to get started. It aimed to help start-up and established businesses from any market sector to convert ideas into action. Registered participants 20.

<p>The workshop included</p>	<p>Circular Economy core concepts and wide ranging examples</p> <hr/> <p>'Teardown' an everyday product and evaluate issues and value leakage, then reflect on issues and risks in your own organisation</p> <hr/> <p>Rethinking evaluate circular approaches that create value and support resilient, competitive and future fit solutions.</p> <hr/> <p>Early ideas which spark circular improvements in your own organisation</p>
<p>Challenges addressed</p>	<p>Insulating against resource cost volatility and security of supply through resource efficiency and using recycled or sustainable materials,</p> <hr/> <p>Creating value by designing durable, repairable and recyclable products</p> <hr/> <p>Designing out waste and pollution to recover value, cycle resources and meet the needs of a post disposable economy</p> <hr/> <p>Rethinking business models to capture value from circular approaches and build deeper, long term customer relationships</p> <hr/> <p>Objective setting e.g. 100% renewable energy, zero waste, 2 new circular initiatives each year that benefit business, society and planet</p>



Collaboration for Sustainable Development: Sharing Results From QR GCRF (Global Challenges Research Fund) In Circular Economy And Sustainable Agriculture Projects With Brazil And Africa.



2019 SUSTAINABILITY EVENT: SDG2, SDG10, SDG12, SDG 17

The event discussed preliminary findings from two projects in progress funded by UoP QR GCRF fund: Socially inclusive circular economy in Brazil (PI: Diego Vazquez-Brust) and Agricultural knowledge transfer between Brazil and Africa (PI: Hamid Foroughi). In addition to the PIs, speakers and panel members included Prof Lucila Campos (Federal University of Santa Catarina, Brazil); Prof Roberta Piao (University of Sao Paulo, Brazil). Professor Samuel Bonsu (Ghana Institute of Management and Public Administration), Dr Natalia Yakovleva (Newcastle University) and Professor Rekha Rao Nicholson (Essex University).



### *About the seminar:*

A large group seminar provided information and preliminary results from both projects and discussed methodological challenges and lessons learned from the fieldwork and workshops with companies and policymakers carried-out in Mozambique and two Brazilian states (Santa Catarina and Sao Paulo). Registered attendees: 50

### *About the workshop:*

A small group agenda-setting workshop gathered invited academics and practitioners in the area of international development and sustainable development to discuss an agenda for research and policy for south-south collaboration. Presentations explaining Brazil and Ghana's perspectives on technical collaboration between developing countries were followed by a group discussion on challenges and solutions for South-South collaboration. The workshop also explored possible future research directions and partnerships between academia and practitioners. Invited attendees: 10

## Additional Sustainable Development Goals Initiative events:

Collaboration on sustainable business-themed events at the University of Portsmouth, such as the 2019 University2Business: Facing the Clean Growth Challenge #U2B2019 event.

Seminar  
March 2018

*The role of business in meeting the UN Global Goals for sustainable development.*



- Co-organized by the Institute of Chartered Accountants in England and Wales (ICAW) and the Faculty of Business and Law (Louisa Burton and Diego Vazquez-Brust). The seminar aimed to give business an opportunity to learn about the ambitious vision for the UN Global Goals for sustainable development and discover how each one can get involved. Registered Attendees 40.

Seminar  
February 2019

*Argentina's pioneering programme in education and new technologies.*




- Argentina is the first country in America to introduce programming and robotics in its national curriculum. The initiative is part of the Ministry of Education's plan to promote digital skills for life and work from early childhood throughout secondary education. The session introduced the project presenting some of its outcomes and challenges followed by a discussion of current collaboration and potential future opportunities. Invited attendees: 20
- Speaker: Maria Florencia Ripani. Ms Ripani was at the time of the seminar, Argentina's National Director of Innovation in Education and the Director of the Digital Innovation Lab at Austral University Argentina. She had held previously the position of Director of Innovation for Education in the city of Buenos Aires ( 2010 2015) and before that worked as project manager for the BBC (2003 2009).




## Visiting Scholars for Sustainable Development Goals Research Initiative.

The Sustainable Development Goal Research initiative aims to host one visiting scholar per year. Two international visiting scholars conducted postgraduate's studies for 6 months during 2018-2019. In both cases, the visitors were funded by their universities.

<p>2018</p> 	<p>Dr. Simone Sehnem, Associate Professor at Universidade do Oeste de Santa Catarina and Universidade do Sul de Santa Catarina (Brazil) carried out research in the benefits and unintended effects of Circular Economy practices mentored by Prof. Vazquez Brust</p>	
<p>2019</p>  	<p>Dr. Ana Labella Fernandez, lecturer at Universidad de Almeria, Spain, carried out research on eco entrepreneurship and eco innovation with guidance from Prof. Vazquez-Brust and Dr. Rui Yang.</p>	

### *Pitching Events:*

 Greentech South regularly hosts pitching events for cleantech companies in the Future Technology Centre (FTC) at the University of Portsmouth. At our first pitching event in 2019, the Collaboration Manager for the Faculty of Business and Law attended the session and provided critical feedback to companies and asked helpful clarification questions that can help companies shape future pitches and proposals.



## Fair Trade International Symposium

100 participants



The Faculty commits to hosting a series of national and international conferences and workshops that highlight the work of both the Faculty's researchers and acclaimed international experts in domains relating to sustainability, stakeholder's engagement and ethics.

In 2018 the Faculty of Business and Law, University of Portsmouth, was proudly chosen to be the venue for the Fair Trade International Symposium (FTIS), the leading global gathering for scholars, practitioners and policymakers working on Fair Trade.

The FTIS takes the form of a regular, large-scale conference event that gathers interested parties from all across the world to showcase the latest and highest quality research undertaken in the area of 'Fair Trade'. It aims to bring together both the world's leading and newly emerging academic researchers, along with practitioners, policymakers and the general public, for the development and consolidation of collective knowledge on the subject of Fair Trade.

The FTIS is an initiative of scholars interested in Fair Trade and Fair Trade practitioners representing the main Fair Trade institutions including the World Fair Trade Organization, Fairtrade International, with the support of the Fair Trade Advocacy Office.

The FTIS process is steered by a group representing Fair Trade academic networks and the above mentioned Fair Trade movement organisations.

Each edition of the Symposium is organised by a Scientific Committee, composed of appointed academics by the host Institution, and a Steering Group.

In Portsmouth the Fair Trade International Symposium was organized by Mathew Anderson (OSHRM), a longstanding champion of fair trade research and practice. The symposium took place from 26-28th June 2018 bringing together academics, practitioners and policy-makers. Keynotes included Tsitsi Choruma, Chief Operating Officer at Fairtrade Africa; Laura Kelly, Head of Business Engagement at DFID; Darío Soto Abril, Chief Executive Officer of Fairtrade International; Rudi Dalvai, President of the World Fair Trade Organization and Dr Vandana Shiva, Indian scholar and environmental activist.

The conference enabled the Faculty's researchers to engage with innovative researchers and research at the forefront of discussions relating to fair-trade and responsible and sustainable corporate strategies and decision-making



Prof. Diego Vazquez-Brust ([diego.vazquez-brust@port.ac.uk](mailto:diego.vazquez-brust@port.ac.uk))

Dr Maya Zita Piccinni ([maya.piccinni@port.ac.uk](mailto:maya.piccinni@port.ac.uk))

## European, National and Regional Initiatives

### Focusing on the Faculty of Business and Law involvement

#### *European Regional Development Funded (ERDF) Projects EMphasis3 and Low Carbon Solent*



The University of Portsmouth and Greentech South are delivering two ERDF funded, SME support projects, namely EMphasis3 and Low Carbon Solent, which are helping businesses to develop and commercialise low carbon innovations. These projects have been designed to address long-term, environmental sustainability at both a local and national level. The projects are delivering: A 2,000-tonne reduction in CO<sub>2</sub> emissions; 135 free energy efficiency audits for SMEs; Funded energy efficiency grants for SMEs, up to £25,000; Research and innovation grants in zero-carbon innovation, up to £25,000; Increased quadruple-helix collaboration in the region. The University of Portsmouth has a portfolio of ERDF projects.

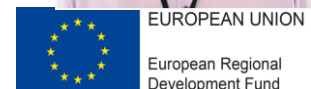
### *Case Study*

In 2019, Greentech South worked with a local business called SmartLouvre. SmartLouvre weaves the unique MicroLouvre™ sun and light control metal fabric at its headquarters in Portsmouth. They've been delivering architectural and building performance solutions all over the world for over 80 years.

The placement office, Faculty of Business and Law, connected SmartLouvre with a Business and Law undergraduate student from the School of Marketing. The student spent time with Smart Louvre getting to know the company and identifying any weaknesses in their marketing material. Following this, the student provided assistance and recommendations for their marketing activities including digital promotion, branding, website layout and the development of an off-the-shelf marketing and pitching presentation.

#### **Matt Pullinger** - Business and Administration Support Officer

After a 20 years career in the catering industry, Matt is now a Financial Management for Business student at the University of Portsmouth. Currently, on his placement year at Greentech South, Matt has a previous knowledge in the clean growth sector stems from business and research projects during the first two years of university, specifically in solar power and hydroponics systems



### *Conference attendance Highlight:*

Faculty staff actively engaged in dialogue in the most prestigious international and national research conferences. For example, the 20th International Conference on Human Resource Development Research and Practice across Europe held at Nottingham Trent University in June 2019 was very productive and successful for the members of faculty members that won various awards. Cheryl Brooks and Sally Rambel were Highly Commended in the Teaching and Learning Prize for their Research Methods Exercises for HRM and HRD Students. Heather Short (OSHRM) was awarded Second Place for the Alan

Moon Memorial Prize (best paper in conference) for her paper *“How Informal e-learning drives creativity, innovation and change in SMEs”*, as well as winning the European Journal of Training and Development (EJTD) Prize for Best International Paper for The Impact of National and International Standards on HRD with Valerie Anderson (OSHRM) and a certificate for the successful completion of the research honorarium project *“An Investigation into the Impact of British Standards Institute (BSI) Standards on HRD Policy and Practice”* with Valerie Anderson (OSHRM) and Dr Mark Loon of Bath Spa.

# Assessment of Progress

In our previous SIP, we formulated a series of Key objectives, and we will assess the extent to which they were achieved

Future perspectives and key objectives

## 1. Objective: We will Strengthen leadership in areas related to responsible business

**Achieved.** In addition to the new Professor Sustainability and lead on PRME and the new Professor of Law and Theme Professor of Democratic Citizenship the faculty has strengthened leadership in areas related to responsible business with two key actions. First, Dr Pierre Fallier (E&F) was promoted from reader to professor and became the new Professor in Economics and Director of the Centre for Blue Governance. Second, Dr Nigel Williams joined the Faculty of Business and Law as Reader in Project Management. He focuses his research in Responsible Project Management.

## 2. We will continue to embed sustainability, responsibility and ethics in the curriculum

**Achieved.** We continued embedding sustainability, responsibility and ethics in the curriculum offer via the curriculum audit and strengthening articulation in learning with University-wide Curriculum 19 review. This was achieved as part of the University's 'Hallmarks' and Curriculum19 projects.

*We had plans to introduce a core module on sustainability and business responsibility for all graduate students.* While some graduate courses still do not offer a core module on sustainability and business responsibility, now they all offer either a core or optional module and to complete their degree all students must take one or the another. This has been extended to all postgraduate courses. As a result, now 100% of students enrolled in undergraduate or postgraduate take on at least one module with content related to responsible management principles in all postgraduate courses.

The ongoing commitment of staff to embedding the UN Equality, Diversity and Human Rights (EDHR) into practice and making, has been made more explicit to students in course and module documentation through the University of Portsmouth Graduate Hallmarks 6: *"Be informed citizens, with a sense of responsibility allied to a commitment to ethical practice and social justice issues, such as equality, respect and sustainability."*

## 3. We will consolidate the Sustainable Development Goals (SDG) research

**Achieved.** The Faculty delivered 69 seminars and 5 workshops related to Circular Economy, Sustainable Development Goals and Human Rights research seminars and workshops.

In June 2018, the University hosted the sixth Fair Trade International Symposium (FTIS 2018). The conference had 100 attendees and built on the University's existing support for Fair Trade (SDG 12, SDG 8) and its ongoing commitment to solving real-world problems by working with key stakeholders to produce research and innovation that enriches society and shapes a better future (SDG 17). The Fairtrade International Symposium is the preeminent academic conference and international meeting for scholars, practitioners and the policymakers working in the area of Fair Trade. In addition to presenting the state of the art research, the symposium included a PhD workshop and

opportunities for undergraduate students to participate and volunteer as conference assistant.

#### **4. We will strategically plan and allocate funding allocated to develop and strengthen cutting-edge research**

**Achieved.** Our objective was to have a particular focus on research that addresses the sustainability challenges faced by developing countries.

This was supported through:

- a. the allocation on internal funding from the Global Challenges Research Fund for 8 projects resulting in increased engagement with international research networks looking at global challenges for sustainability and advancements of Sustainable Development Goals,
- b. the award of a Faculty of Business and Law bursary for a doctoral study on Multinational Enterprises and SDGs in Sub Saharan Africa,
- c. the allocating of funding for a two-year research fellow in sustainability: Dr Simonov Kusi-Sarpong,
- d. the addition of two early career researchers as lecturers in sustainability-related areas: Dr Francisco Romera and Dr Mengfeng Gong.

# Future perspectives and key objectives

Looking to the future, we have new developments ahead of us:

- Consolidation of embeddedness of sustainability, responsibility and ethics in the curriculum offer via the curriculum audit and strengthening articulation in learning with University-wide Curriculum 19 review. We aim to make more explicit linkages between the curriculum content and SDGs (all SDG).
- Expansion of a Sustainable Development Goals (SDG) research group and network: Circular Economy (SDG 12), Sustainable Development Goals (all SDGs) and Human Rights (SDG 5, SDG 10, SDG 16) research seminars and workshops. We aim to host one international conference on a topic related to PRME principles.
- Consolidation of the Centre for Blue Governance international leadership in research related to marine environments governance. We aim to increase the center's portfolio of international projects with at least one major project externally funded and we will provide internal funding for increased international networks with developing countries (SDG 14).
- Continued engagement with business through strategic partnerships (KTP). We aim to obtain funding to develop at least one more KTP related to PRME (SDG 9, SDG 17).
- Strategic Plan and Internal funding allocated to develop UK leadership in cutting-edge research and international partnerships that address the sustainability challenges faced by developing countries (all SDGs, focusing on SDG 17).
- Strategic vision and Internal funding allocated for increased leadership in international research networks looking at global challenges for sustainability and advancements of Sustainable Development Goals (all SDGs).
- Strengthen leadership in Responsible Project Management. With our industry and university partners, APM, PMI (UK) and IPMA, we will develop plans to declare 2021 as the International Year of Responsible Project Management. 2021 was chosen because in many societies the age of 21 is considered the start of adulthood. Project Management is an emerging profession and professionalization implies responsibility. We have plans for at least 21 events in 2021 that incorporate an exhibition of work by project management students, guest speakers from regional branches of the professional bodies and networking (SDG 12).