

Embedding SDGs into the curriculum & beyond



Curriculum – teaching (ML)

ENTE3534 Social Innovation and Entrepreneurship final yr UG

PG

- ENTE5000 Business Creation and Innovation
- LCBS5053 Social Entrepreneurship and Innovation Exec MBA

Co-curriculum / extra-curricular activities (Lead)

- EnActUs DMU worldwide student society
- Map the System annual global competition (Oxford)

both = cross-faculty

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Beyond the classroom





Map the System

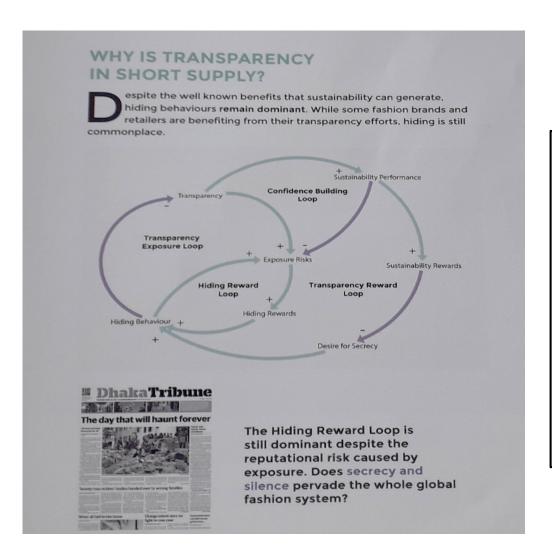
- Global competition that challenges participants to think differently about social and environmental change.
- Tackling global challenges starts with understanding a problem and its wider context, rather than jumping straight into a business plan or an idea for a quick fix.
- Select a social or environmental issue and to
 - explore, probe, and research all the connecting elements and factors around it,
 - map out the landscape of current solutions and
 - identify missing opportunities for positive change.

Find out more: http://mapthesystem.sbs.ox.ac.uk/

In- and outside the classroom: Map the System

- Student-led groups of maximum five
- Submission: one map, one essay (3,000 words), one bibliography
- Timeline: from October until June
- Stages:
 - 1. Registration of teams -> by end of January
 - Submission of documents -> by early April
 - 3. Internal competition (@DMU) -> in April/early May
 - 4. Finals @ Oxford University -> mid June
- Info and support:
 - Detailed guidance will be sent to all participants
 - Find out more: http://mapthesystem.sbs.ox.ac.uk/
 - Contact: regina.frank@dmu.ac.uk (BAL) and skype: regina.frank

Map the System



DMU finalist: Team 'Honest Fashion'

BUTTER) Y EFFECT

Topic: (Lack of) Transparency in the Global Fashion System

Synopsis:

This team set out to better understand the sustainability challenges in the global fashion industry, and soon discovered through their research that transparency was in short supply in the fashion system.

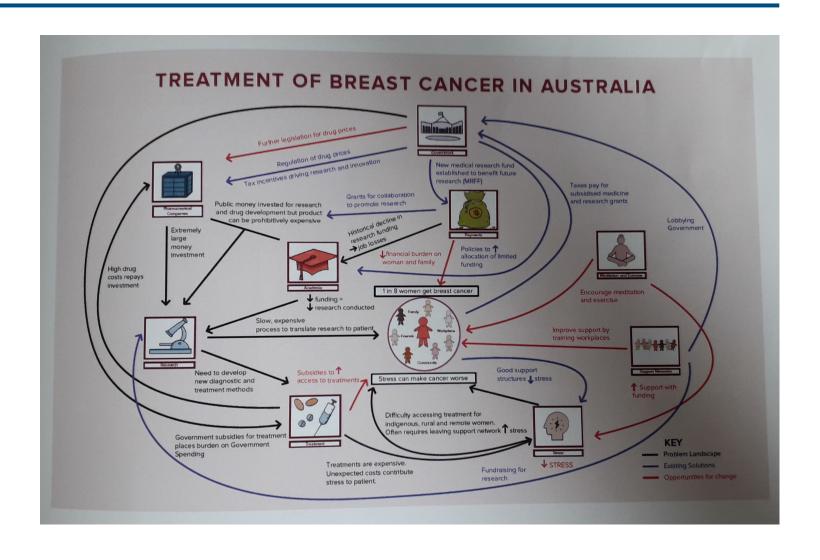
Their therefore investigated the perils and potential of transparency to better leverage positive changes – social, environmental and economic – in the fashion system and along the entire value chain.



Map the System

Examples of submissions

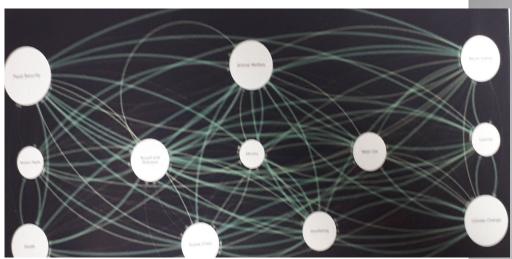


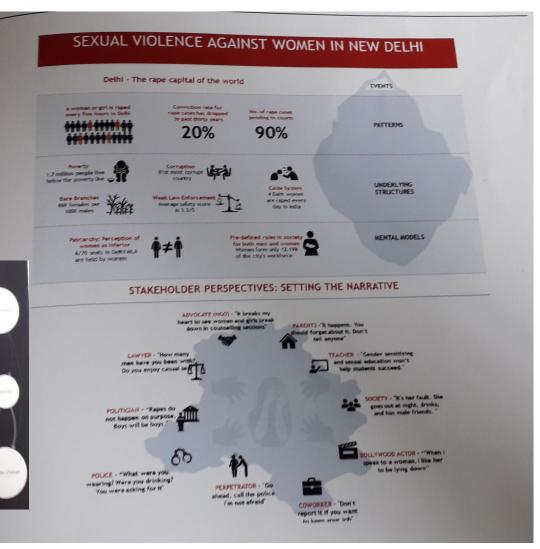




Map the System

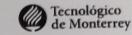
Examples of submissions (2019)











Mexico is the country that produces the highest quantity of garbage per copita in Latin America.

Mexico...... 1.16

.....The world

Mexico has a huge challenge related to the exponential growth of solid waste, its bad administration and the consequences that come with them.

PROBLEM &

Kilograms per day. (World Bank, 2018)



Solid waste: Garbage, refuse, sludge from a wastewater treatment plant, water supply treatment plant, are plant, or air pollution control facility and other discarded materials including solid, pians, or air positions control reasily and other discarded materials modeling about fliquid, semi-solid, or contained gaseous material, resulting from industrial, commercial mining, and agricultural operations, and from community activities. (US EPA, 2018)



Individuals and the government have to make decisions about consumption and management that affect the population health, productivity, and cleanliness of communities. Bad administration of waste is lead to



Lack of education & culture.

...... Transmissions of diseases

Animal barm and general environmental poliution

care about the topic, doesn't know the benefits from it and doesn't know how to separate it

Population growth Mexico City is the fifth largest

city in the world, by 2035 is

estimated that the population

CHALLENGES OF STAKEHOLDERS

will increase in more than million people.

WHAT KEEPS THIS PROBLEM ALIVE?

Lack of infrastructure

1 300 sanitary landfills, 87% of final

sites are open dumpsites that pollute air, ground and water

42.3% of the people that doesn't seprate

Weak compliance of the law There is an environmenta

obligated to separate their waste, nevertheless, 57% is not doing it.

law which say that people is ensuring the compliance

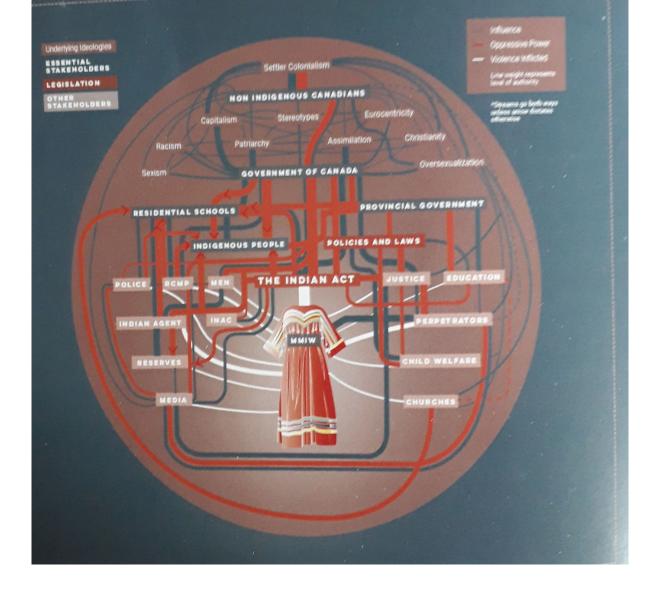
Trading Petats

out only 11% of all ^

STAKEHOLDERS 4*4

Final disposal Sites

All recyclable



STORY OF MISSING AND MURDERED INDIGENOUS WOMEN IN CANADA

POWER AND INFLUENCE



In- and outside the classroom: Map the System

= Example of transformational learning

Learning outcomes:

- Knowledge and understanding...
- Subject-related skills and competencies...
- Transferable skills...



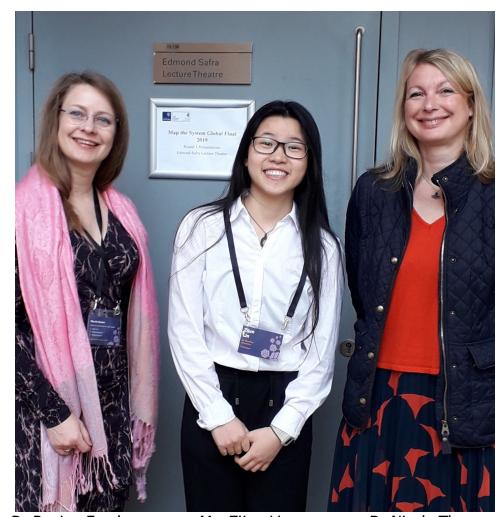
- + learn cross-faculty
- + network with inspirational colleagues from across the world.

DMU at the Oxford Finals - Map the System

At Oxford University, Said Business School, June 2019



Over the course of three days in Oxford, DMU managed to get through to the final round, proudly presenting amongst the final six alongside teams from Yale, Simon Fraser, Oxford, Wisconsin and the Amani Institute (and 'beating' Harvard University along the way)...



Dr Regina Frank SL in Entrepreneurship

Ms. Zijun Lin final yr student

Dr Nicola Thomas AP in Marketing

APPENDIX

to Map the System Presentation





Come and watch our final 2 DMU teams competing to represent De Montfort University at the global finals in Oxford.



Other topics presented in Oxford (2019): Map the System

- Mexico's waste crisis: our waste = our problem
- Effects of incarceration on children and families
- Street children in Dominican Republic
- Public education in South Africa
- 'Honour' killings in India
- Missing and murdered indigenous women in Canada
- Aphasia problem (UK)
- Breast-feeding in Kenya (urban/rural/refugee camps)
- Indigenous homelessness in Toronto
- Industrial animal agriculture in the US
- Food deserts in low-income communities.
- Deforestation in Brazil
- Decreased use of chacras indigenous agroforestry method) in the Ecuadorian Amazon.





Misc info on process of Map the System

- As soon as the competition opens for next year (in autumn), DMU signs up (as institution) and pays participation fee (£2,000).
- Budget: PVC (Enterprise), EBR Enterprise Directorate / SaAS Employability.
- Teams register (per team, on Map the System website), before end of January.
- Group composition:
 - Graduates are eligble but at least one student must be currently registered;
 - Staff can mentor but should not lead nor do most of the work
 (as staff got their own conferences where they can showcase their work amongst peers)
- Who goes to Oxford:
 - Each HEI holds an internal competition in Spring.
 - The winning team of each competition is invited to Oxford and compete there in June.



Item for DMU BAL Faculty Newsletter, July 2019

DMU has successfully participated in the Global Finals of the <u>Map the System</u> competition, held at Oxford University, and reached the final six. Unlike other Business Plan competitions and lean startup events, <u>Map the System</u> is a global competition that challenges students to think differently about social and environmental change by focusing on the interconnected complexities of the grand challenges of this world.

Making sure that DMU participates on this global stage, Dr Regina Frank (BAL/Entrepreneurship) took the DMU finalists – a team mentored by Dr Nicola Thomas (BAL/Marketing) – to present at Said Business School. Ms Zijun Lin (DMU BA International Business final yr student) enthusiastically showcased 'Honest Fashion' in three rounds of presentations, going through to the #mapthesystem finals, and 'beating' fierce competition from 'Harvard' and Yale along the way.

Join Regina with our cross-faculty 'ESD Forum' in John Whitehead 1.06, this week on Thursday 11 June 2019 between 11.15 and 12.30 to find out how you can integrate 'sustainable development' and UN SDGs into your teaching and research. For more info on how you may participate in next year's Map the System competition, email Regina via regina.frank@@dmu.ac.uk.

Thank you, Professor Dana Brown ((former) Dean of BAL and PVC (Enterprise), Mrs Helen Donnellan (Head of EBR Directorate) and Simon Baines (ex-Innovation Centre) for your support to this competition, and thank you to all participants from all faculties for your enthusiastic engagement with this competition.

See you (again) next year?