Uncovering gender dimensions in energy policy using Natural Language Processing Research Focus:



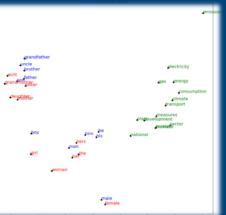


Clean Energy Transition Assoc prof. Paula Caroll **Business Analytics and Research Question: Operations Research** School of Business Is the language in Energy Policy **Documents Gender Neutral?** Bhawna Singh Generative AI, LLM, Responsible AI NECP NLP Gender Bias Rankings by Country CeADAR 1: Portuga 2: Ita 3: Greec 4: Spa 5: Romai 6: Franc Prof. Eleni Mangina 7: Austri Data Analytics, 8: Finlan Energy Efficiency, 9: Croatia **Applied Ethical AI** 11: Denmar School of Computer 12: Malta Science 13: Irelan 4: Netherland Impact: 15: Polan 16: Belgiu 17: Slovaki 18: Cypru 19: Swede 20: Hungar Spotlight on language usage in 21: German **Energy Policy** 22: Luxembou 23: Latvia **Corpora of Energy Policy** 24: Bulgari Vocabulary 25: Lithuani 26: Estoni 27: Slover

wRND Score (Gender Bias)

Ceadar







Implementing the BioBeo Gender Action Plan through Events and Learning Resources (www.biobeo.eu)

Tom Curran (BioBeo Project Leader);

- Associate Professor, UCD School of **Biosystems and Food Engineering;**
- Vice Principal for Internationalisation, UCD College of Engineering & Architecture
- BioBeo Horizon Europe Project
 - Education for the Bioeconomy
 - Management structure, work package leaders & deputies, meeting times
 - Speakers at events

✤Impact

- Universal Design for Learning (UDL)
- Flexibility and diversity in curriculum and classroom practices
- Better & more project outputs





NaviLens GO App Accessible QR Co www.biobeo.eu/project-outcomes





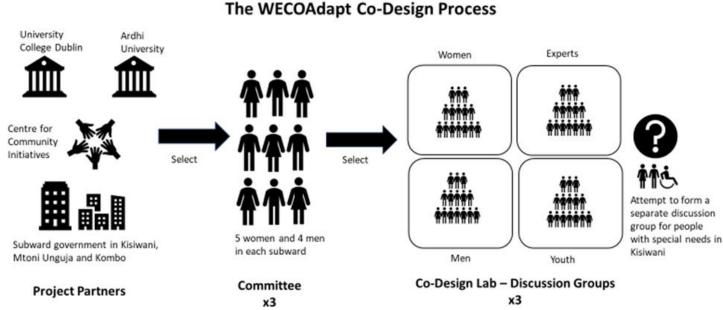
It is time to talk about sex in biomedicine

REMODEL & Dimitrios I. Zeugolis		Case study: Gender mismatch in medical devices		Impact	
	Cell culture technologies / products sector	Group	Young's Modulus (KPa)		
		Porcine male skin	0.63 ± 0.09	Personalised medici becomes a clinical real	Personalised medicine
		Porcine female skin	1.07 ± 0.05		becomes a chinical reality
		Porcine male tendon	1.31 ± 0.11		
	Regenerative medicine / tissue engineering sector	Porcine female tendon	2.29 ± 0.12		Better patient therapeutic outcomes
		Group	Biological properties		
		Porcine male tendon + human male tendon cells	High correlation		
8	Medical devices / biomaterials sector	Porcine female tendon + human male tendon cells	Low correlation		Savings for patients and healthcare providers
ſ		Porcine male tendon + human female tendon cells	Low correlation		
		Porcine female tendon + human female tendon cells	High correlation		





Integrating Gender Equity in Co-Design Labs for Urban Climate Change Adaptation



Initiate the process



Identify challenges and adaptation options

Gender-inclusive toolkit

Institutionalize

results

- Impact:
- Permanent leadership positions for women in climate change adaptation committees
- Findings on women's perceptions and priorities regarding climate change

rish Aid

Rialtas na hÉireann

Government of Ireland

· Gender considerations integrated in adaptation pathways





SFI Future Innovator Prize - SDG 13 Challenge. Partner Country: Tanzania. Team Lead: Dr Liana Ricci, University College Dublin. Partner Country Team Lead: Prof. Gabriel Kassenga, Ardhi University, Tanzania.Team Co-Lead: Dr Fiachra O'Loughlin, University College Dublin. Societal Impact Champion: Dr Timothy Ndezi, Centre for Community Initiatives, Tanzania



Dr Dervla MacManus

Research Ireland Public Service Fellow UCD School of Philosophy

Former architect

PhD Architectural History IRC Postdoc *Gender Equity in Irish Architecture* Investigating gender aspects of Ireland's Clean Energy Transition

Gender (socially) disaggregated data

Assess the current collection of gender data across SEAI programmes Review academic and grey literature for best practices in collecting gender-disaggregated data Develop a framework for the collection of intersectional gender data to allow for gender responsive evaluation





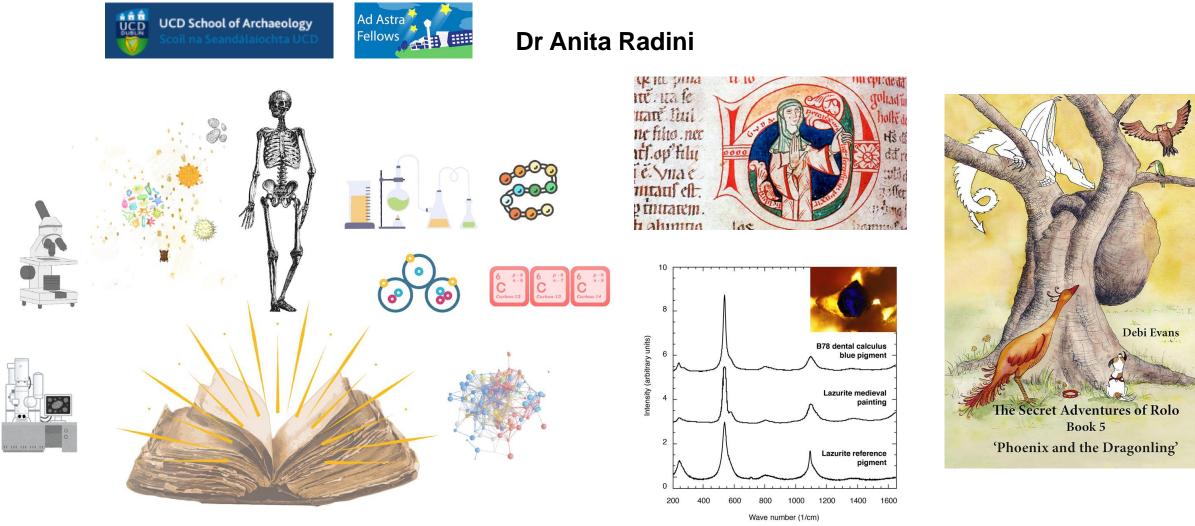
Impact - Mainstreaming of Gender Responsive Evaluation

Public Sector Duty Section 42 of the Irish Human Rights and Equality Commission Act 2014

EU Frameworks for gender-responsive evaluations A legal and policy base for the assessment of gender impacts across four frameworks

Woman or Master?

Challenging gender stereotypes through the combined strengths of Archaeology, History and Science



https://www.teamnun.org/

https://www.science.org/doi/full/10.1126/sciadv.aau7126