



DMU SDG16 Hub Activities Update – Green Energy Forum International Scientific Conference Athens 9<sup>th</sup> October 2024

#### Leisa Nichols-Drew

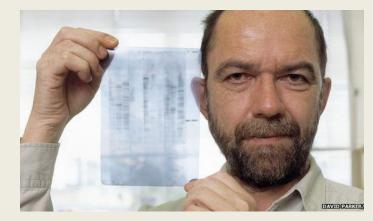
Associate Professor Chartered Forensic Practitioner, Churchill Fellow. National Teaching Fellow

#### Leicester, UK





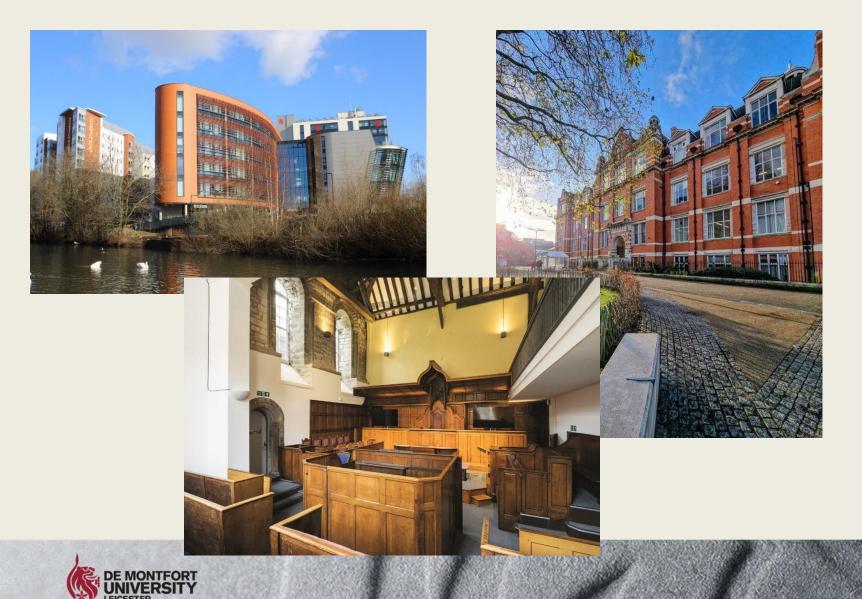








#### De Montfort University – SDG 16 Hub



#### 'A legacy of hope...'

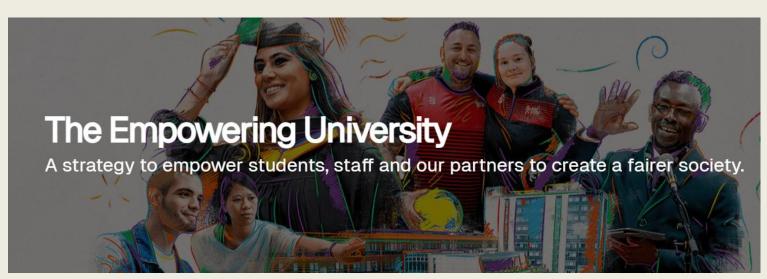


#### **DMU SDG 16 Hub – The Empowering University Ethos**

SDG Hub: Campus, People, Events – led by Dr Mark Charlton and his team



Sustainability and the Sustainable Development Goals









# **Teaching and Learning - Sustainability**

- Embedded in our curriculum
- DMU Graduate Attributes 'Systemic Thinking'
- Student SDG Experience Participants, Co-creators, Advocates, Partners
- Contextualised Approach
- New colleagues Post Graduate Certificate in Empowering Education





# **Research and Knowledge Generation**

- We embrace all 17 SDGs at DMU interdisciplinary and transdisciplinary working and partnerships for DMU communities
- Local, regional, national and international impact
- From reusable buildings in Architecture, to sustainable fashion, to solvent free chemical processes, to hand hygiene health, and clean water projects





# **Community Engagement, Outreach and Impact**

**Creating Safe Classrooms in Prisons** 

Dr Ross Little (Criminology) leads research programmes – students and prisoners learn and reflect together over 8 weeks

Promoting and protecting the right to education

Safe and welcoming spaces





# **Community Engagement, Outreach and Impact**

Safer Round-Ended Knife Research

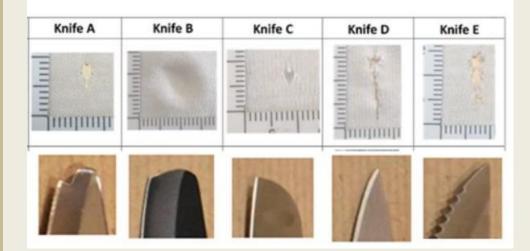
UK knife crime impacts urban and rural communities

Street based violence & domestic incidents

Over 50% of weapons used in homicides are pointed kitchen knives

Links to UN VAWG agenda





'A proactive approach to reducing injuries from knives...'





### **DMU Environmental Management and Energy Policy**

- We have invested £136 million in transforming our campus
- Focus on: waste, recycling, carbon management, travel and biodiversity



 Committed to being a zero-carbon campus by 2032



# **DMU Environmental Management and Energy Policy**

DMU achieved Carbon Literate Organisation status in 2021

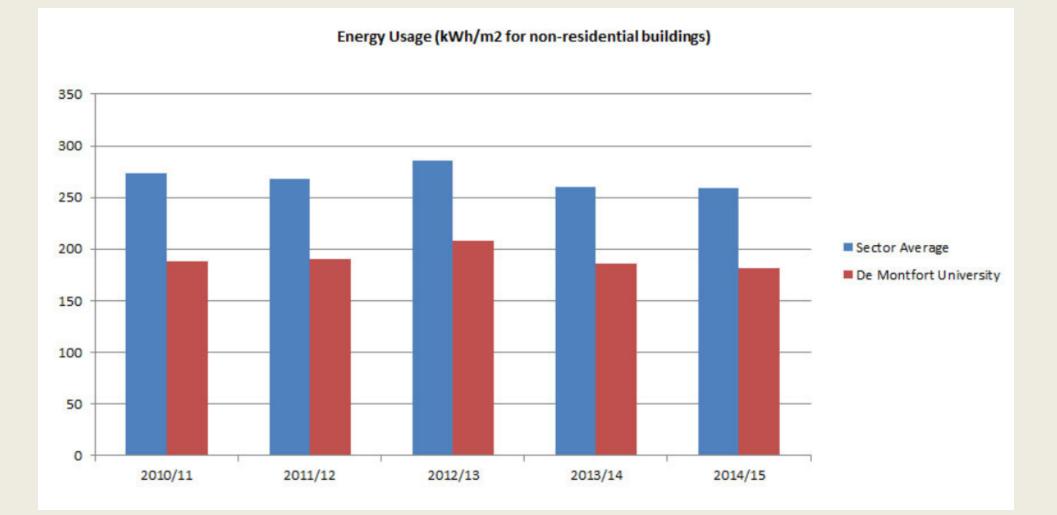
Renewable energies:

- biomass boiler,
- ground source heat pumps,
- ✓ air source heat pump for our leisure centre,
- ✓ solar thermal panels
- Solar photovoltaic (electricity) panels
- rainwater harvesting
- LED lighting in our student accommodation



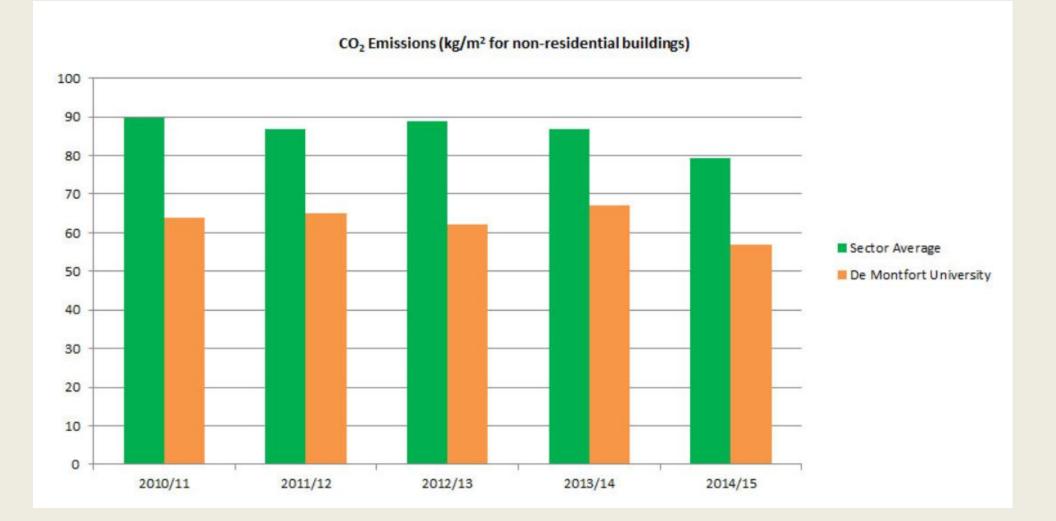


#### How does DMU compare to other universities?



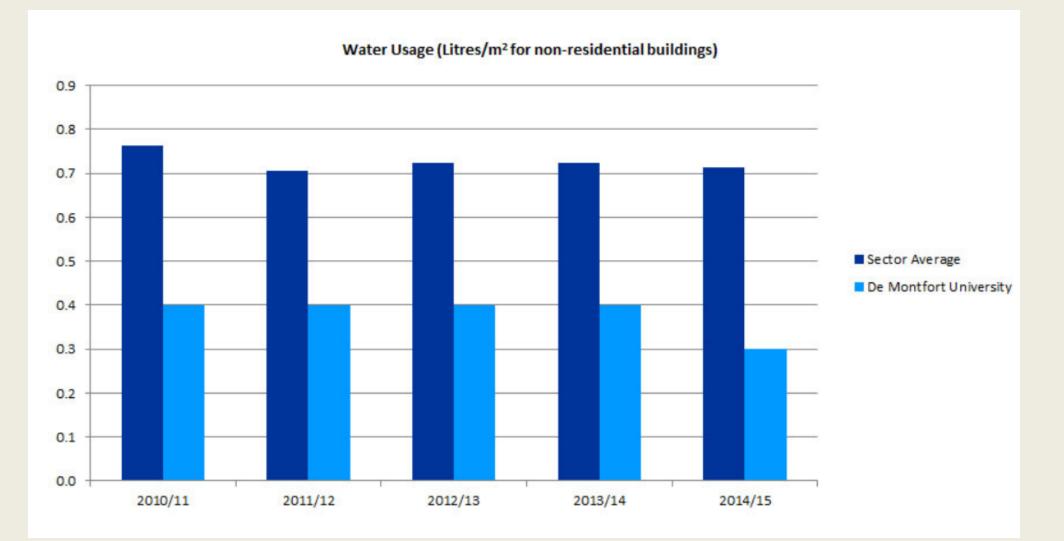


### How does DMU compare to other universities?





### How does DMU compare to other universities?





# **Summary and Reflections**

- DMU is 'proud to be more'
- DMU is honoured to be the UN SDG 16 Hub and champions all 17 UN SDGs
- We are committed to embracing renewable energies on our campus of the future
- Ultimately, without peaceful and safe communities, we cannot tackle climate change





# Thank you for listening

#### Leisa.Nichols-Drew@dmu.ac.uk

And

Dr Mark Charlton (Lead for United Nations Academic Impact Global hub for Sustainable Development Goal 16):

mcharlton@dmu.ac.uk



