

# *UDP Master's Project Fair*

- *Gordon Mackenzie*
- *UNEP DTU Partnership*

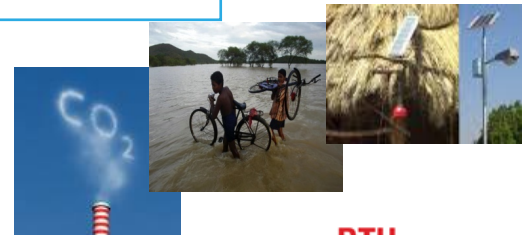
# Outline

- Introduction to UDP
- UDP and Master's project supervision
- Project idea catalogue
- Application procedure
- Short presentations of project ideas
- Q&A



# UNEP DTU In Brief

- Collaborating Centre supporting UN Environment Programme for 30 years, activities fully aligned with UNEP's Programme of Work
- Over 70 economists and scientists from more than 27 different nations
- Integral part of DTU Management with access to a broad range of energy scientists and specialists
- A wide network of collaborating institutions and partners in more than 70 developing countries
- A non-profit public institution with highest standards on procedures, transparency and accounting



# Our Mission

**UNEP DTU Partnership's mission is to support developing countries in their efforts to progress towards climate resilient low carbon societies.**

UDP does this by:

- country processes to integrate climate priorities in national development planning and policies, and to build stronger national frameworks for NDC planning and implementation
- Supporting developing countries in the process of building national transparency systems to track and report on climate actions and their impacts
- Supporting governments, cities and private sector to act on climate change through market development and innovative business models

# Climate Change Activities

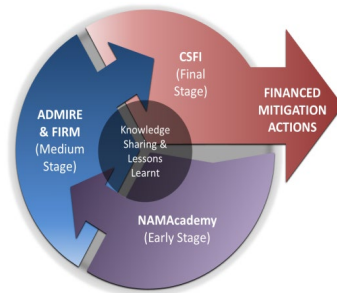
INITIATIVE FOR  
**Climate Action  
Transparency**

**ADMIRE** ADAPTATION  
MITIGATION  
READINESS

**FIRM** Facilitating  
Implementation and  
Readiness for  
Mitigation

**CFSI**

**iNDC** NATIONALLY  
DETERMINED  
CONTRIBUTIONS  
SUPPORT



NAMA PARTNERSHIP

**Nairobi Framework  
Partnership**

**Green Climate Fund  
Readiness Programme**

**TNA** TECHNOLOGY  
NEEDS  
ASSESSMENT

# UDP Strategy



Support developing countries in their efforts  
to progress towards climate resilient low carbon societies

## UN Environment Programme of Work



### CLIMATE PLANNING AND POLICY

Better  
National Planning



### CLIMATE TRANSPARENCY AND ACCOUNTABILITY

Higher  
Accountability

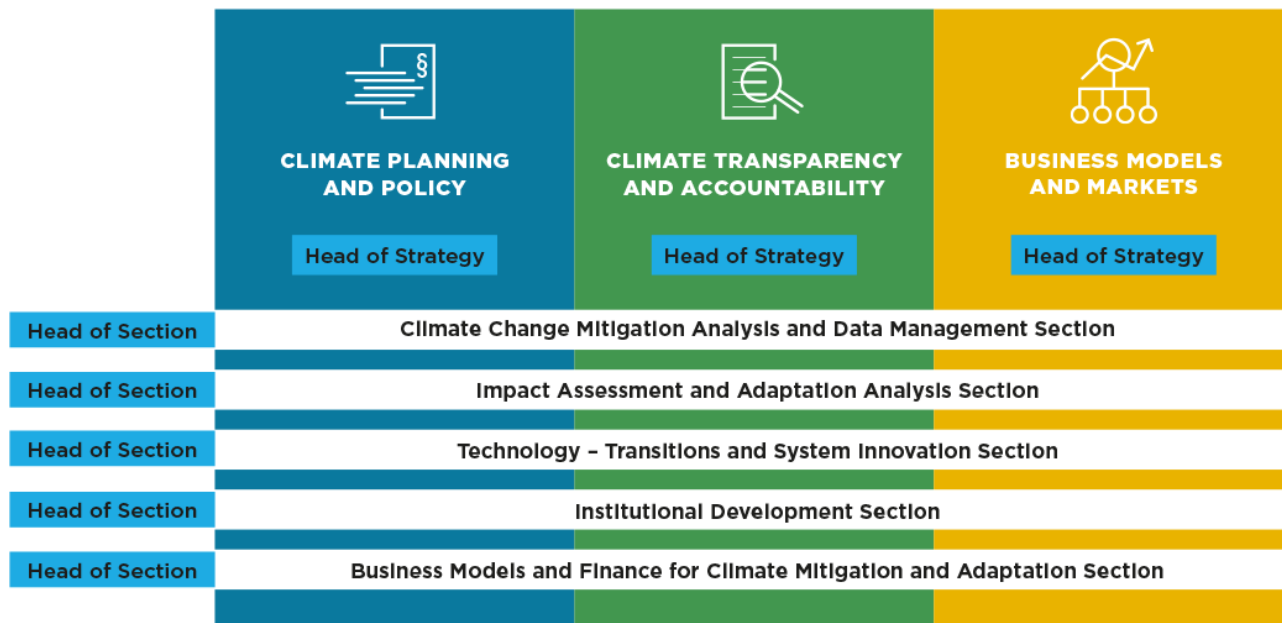
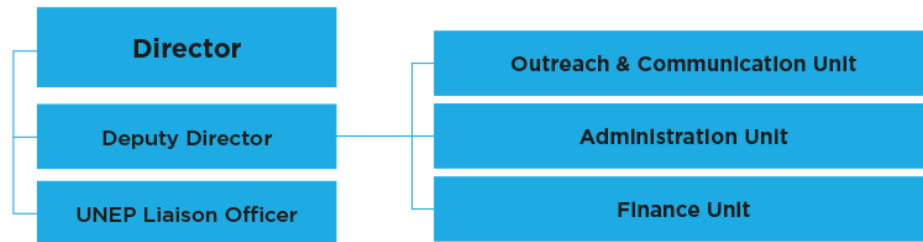


### BUSINESS MODELS AND MARKETS

Stronger Market Models

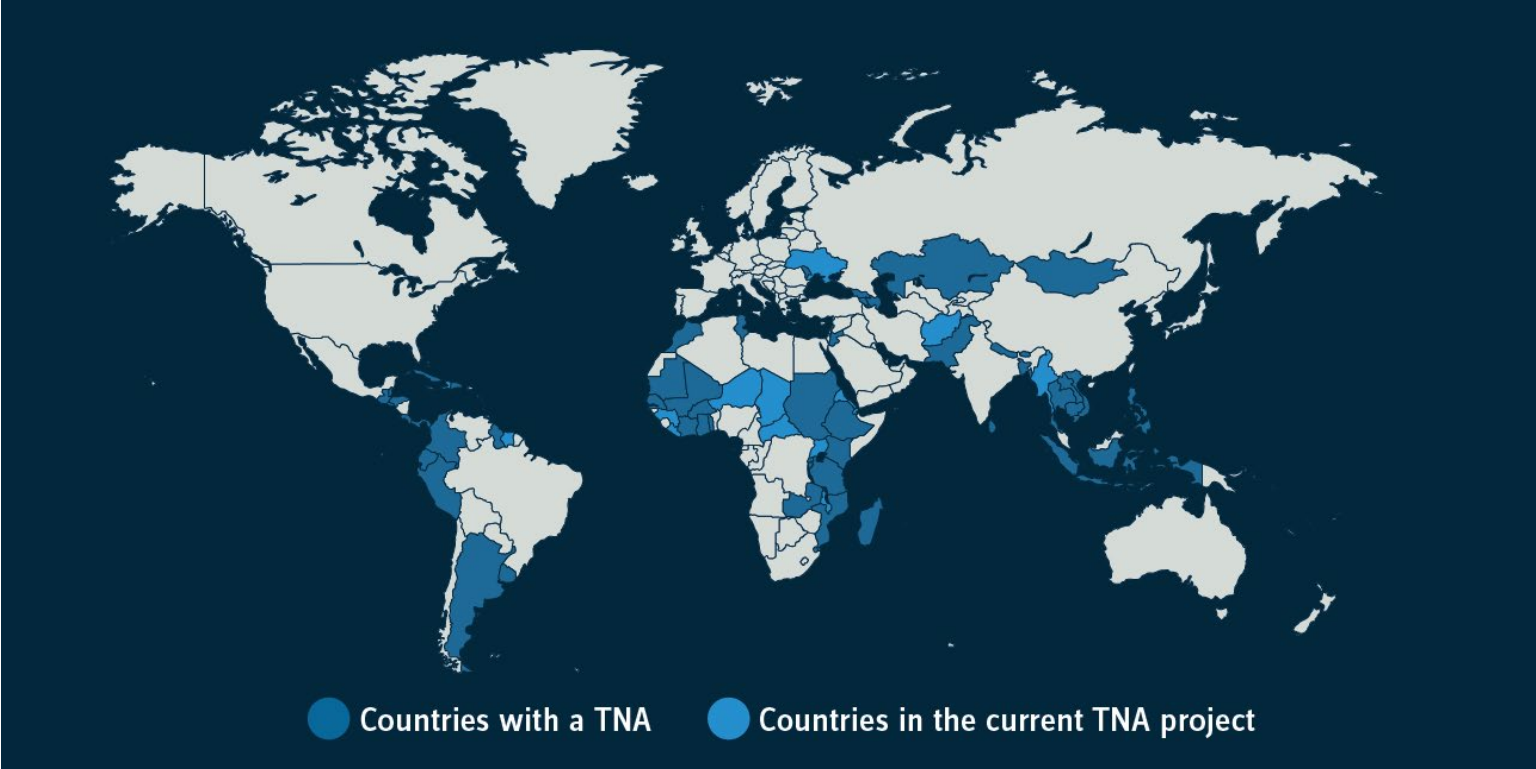
## Capacity Building

## Research and Analysis





# Geographical scope



# More about UDP at

[www.unepdtu.org](http://www.unepdtu.org)

# UDP and master's project supervision

- many years' experience
- previously random - first-come, first-served
- both DTU and "foreign" students
- limited capacity of supervisors
- desire for more formalised, competitive process
- invite applications twice a year
- first Master's Project Fair November 2019

## Recent projects

"Using GIS-based energy mapping to accelerate the deployment of urban district energy systems" (Spring, 2020)

"How different energy efficiency measures affect the energy consumption in buildings and in the district heating network" (Autumn, 2020)

# Experience of a former student at UDP

- video please Aris!

# Project idea catalogue

Project idea	UDP staff responsible
District Energy Systems in Cities (BMF)	Zhuolun Chen
Climate-Change Adaptation Effects of Improved Community Forest Management in Cambodia (BMF/IAAA)	Søren Lütken
Cost-benefit analysis of climate change adaptation measures/Disaster Risk Management (DRM) tool (IAAA)	Jingjing Gao
GIS-based UrbanSim Modelling for Energy Efficiency and Emission Reduction in Fast Developing Urban Areas (MADM)	Talat Munshi
Assessing GHG and Sustainable Development and Impacts of Electric Mobility in Public Transport (MADM)	Subash Dhar
The Role of Social Innovation and Cooperative in the Energy Transition (TTSI)	Jay Sterling Gregg
How are countries presently reporting on adaptation action to the UNFCCC, and what does this mean for transparency of adaptation under the Paris Agreement? (IAAA)	Thomas Dale

# Virtual Marketplace

- short presentations from UDP project proposers (co-supervisors)
- submit questions using chat function
- answer questions in turn

# Application procedure

- Application deadline Friday 20 November
- Send to: [UDPMasters@man.dtu.dk](mailto:UDPMasters@man.dtu.dk)
- Successful candidates will be selected on the merit of their proposals
- Notification by Monday 30 November



# Application form

Project number and title from catalogue (1-7)	
Your name	
Your email	
University/ Institute or Department	
Relevant courses attended, with grades	
Other qualifications relevant to the project	
Project proposal	
Reference person (main supervisor)	
signed, date	

## Project proposal

- Explain in your own words how you understand the project idea.
- How does your expertise and experience, both from your studies and elsewhere, equip you to carry out this project?
- How do you propose to address the issues?
- What are the key questions that your project would seek to answer?
- Will you limit the scope in order to develop an achievable project in the time available?

# Applications

- Download the application form
- <https://unepdtu.org/events/masters-project-fair-autumn-2020/>
- Apply by 20 November

# Poll

- Three short questions
- Some information about the participants
- Completely anonymous
- Questions please Aris!

# Project idea presentations - 5 minutes each

Project idea	UDP staff responsible
1. District Energy Systems in Cities (BMF)	Zhuolun Chen
2. Climate-Change Adaptation Effects of Improved Community Forest Management in Cambodia (BMF/IAAA)	Søren Lütken
3. Cost-benefit analysis of climate change adaptation measures/Disaster Risk Management (DRM) tool (IAAA)	Jingjing Gao
4. GIS-based UrbanSim Modelling for Energy Efficiency and Emission Reduction in Fast Developing Urban Areas (MADM)	Talat Munshi
5. Assessing GHG and Sustainable Development and Impacts of Electric Mobility in Public Transport (MADM)	Subash Dhar
6. The Role of Social Innovation and Cooperative in the Energy Transition (TTSI)	Jay Sterling Gregg
7. How are countries presently reporting on adaptation action to the UNFCCC, and what does this mean for transparency of adaptation under the Paris Agreement? (IAAA)	Thomas Dale

# Q & A session

- Write your questions in the chat box

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# GDPR



Data Protection  
Officer (DPO)



Compliance



25 May 2018



Data Breaches



Personal Data

## GDPR Principles:

- Lawfulness
- Fairness
- Transparency
- Data minimization
- Storage limitation
- Accuracy
- Integrity and Confidentiality



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