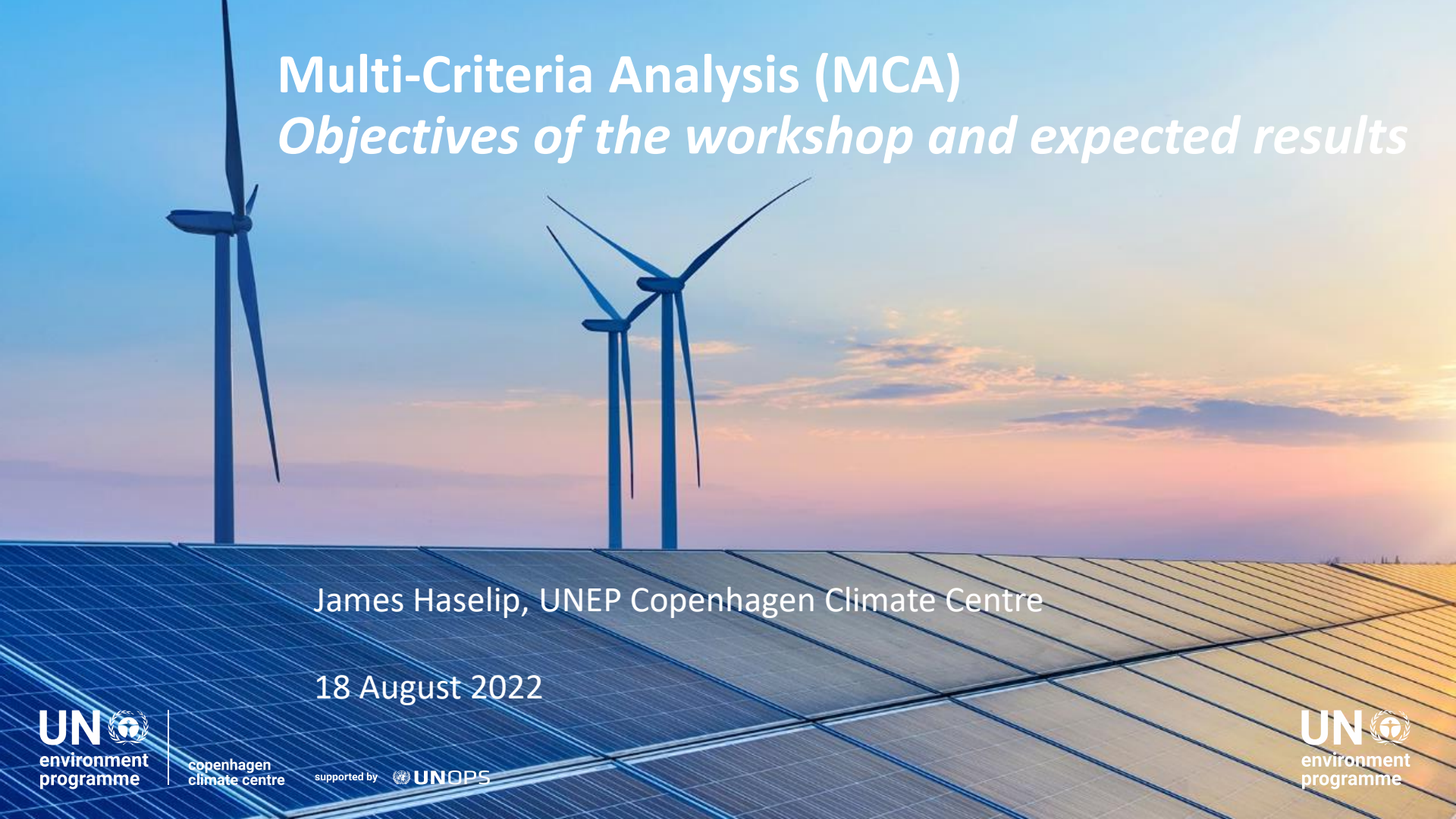
Multi-Criteria Analysis (MCA)

Objectives of the workshop and expected results



James Haselip, UNEP Copenhagen Climate Centre

18 August 2022

UN environment programme | copenhagen climate centre

supported by UNOPS

UN environment programme

What is a TNA and why do one?

- Technology transfer is a longstanding UNFCCC agenda item (Article 10)
- *TNAs track evolving needs for new equipment, techniques, practical knowledge and skills to mitigate greenhouse gases and adapt to adverse impacts of climate change*
- TNAs focus primarily on technology, not climate risks or strategies
- End goal to create a pipeline of project concepts for GCF investment

NDCs (mitigation and adaptation)

- NDCs are detailed post-2020 emissions reduction pledges and adaptation needs
- Countries conducting a TNA to explicitly link this process to their NDC commitments
- Focus on the same priority sectors and use the quantified targets as an input into clarifying the decision context

The 3 steps of a TNA (outputs)

- To identify and prioritise mitigation/adaptation technologies
- To identify and analyse barriers and an 'enabling framework'
- Technology Action Plans (TAPs), leading to GCF project concepts

Anticipated Outcomes

- Serve to implement NDC targets and national development objectives
- A tool for project pipeline development and investment priorities
- Apply the TNA methodology to assess other local environmental issues, under separate processes or projects
- Importance of thinking beyond project deliverables, identifying and working with GCF-accredited agencies from the start

General approach

- Country driven
- Participatory process
- Central importance of stakeholder consultation / buy-in
- Technical and methodological support from UDP and regional experts

How MCA supports this general approach

- Flexible and bottom-up definition of criteria, scoring and weighting
- Allows for expert opinion to guide decisions in a ‘democratic’ manner, by involving a range of stakeholders
- Allows for transparency in decision making processes
- Purpose of these training workshops is to better understand MCA as a tool and how to use it