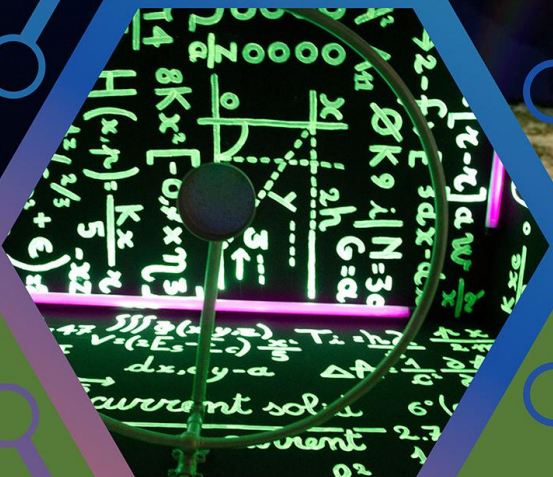


CLIMATE TECHNOLOGY

Realising the potential



Dr F Rogan, Dr B Ó Gallachóir, Dr P Bolger
*'Trans-disciplinary conversations on transitions
to sustainability'* Conference
UCC, 5th Sept 2013

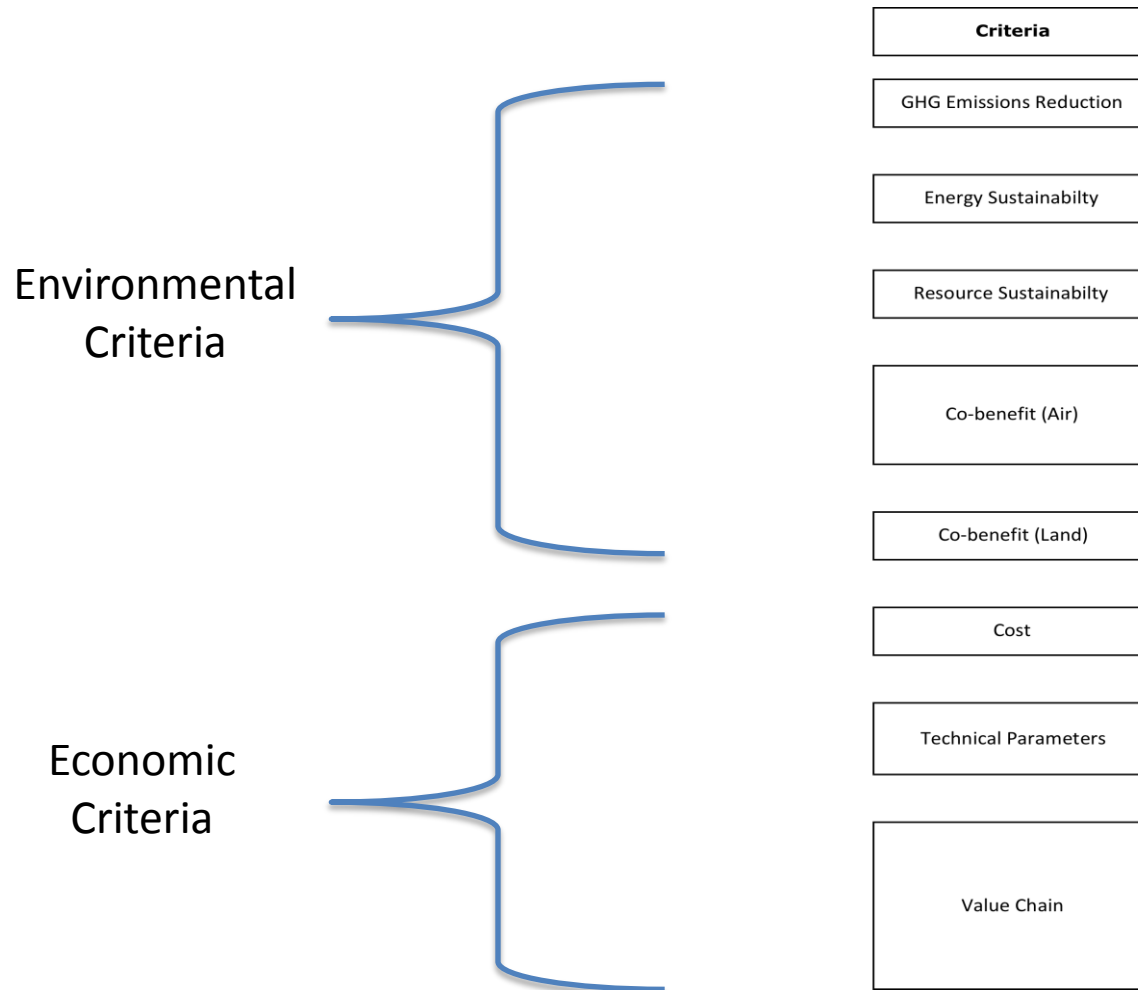
Climate Technology Fellowship

- Identifying potential climate technologies at the idea, development or pre-commercial stages and climate technology needs at points where Ireland's climate change challenges are unique.
- The role of stakeholder engagement in assessing climate technology potential in Ireland

Stakeholder Engagement

- Questionnaire
- Criteria for technology evaluation:
 1. Which criteria(s) do you consider most important?
 2. Which criteria(s) should be excluded?
 3. What other criteria(s) should be included?
 4. What criteria(s) weightings should be different?

Criteria – Mitigation Technologies

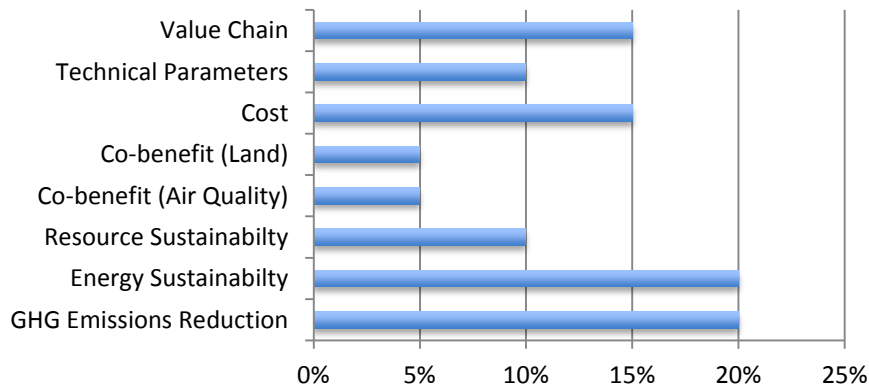


Preliminary Analysis

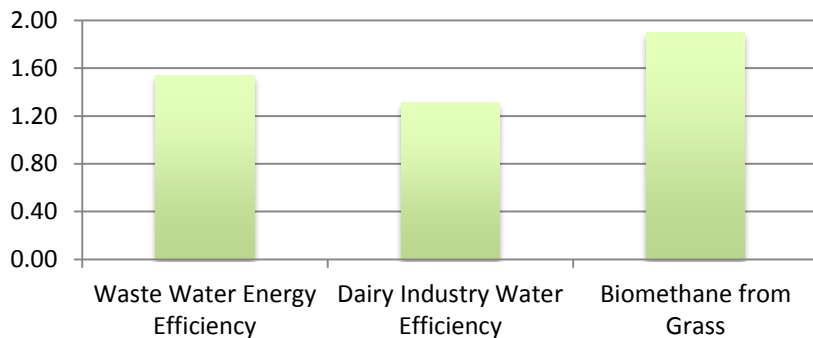
STRIVE - 14	STRIVE - 51	CCRP - 11	STRIVE - 30	STRIVE - 70	CCRP - 15
Waste Water Energy Efficiency	Dairy Industry Water Efficiency	Biomethane from Grass	Ethanol Preparation	Zero Emission Fuel Cell	Restored Peatlands

Preliminary Results

Weights

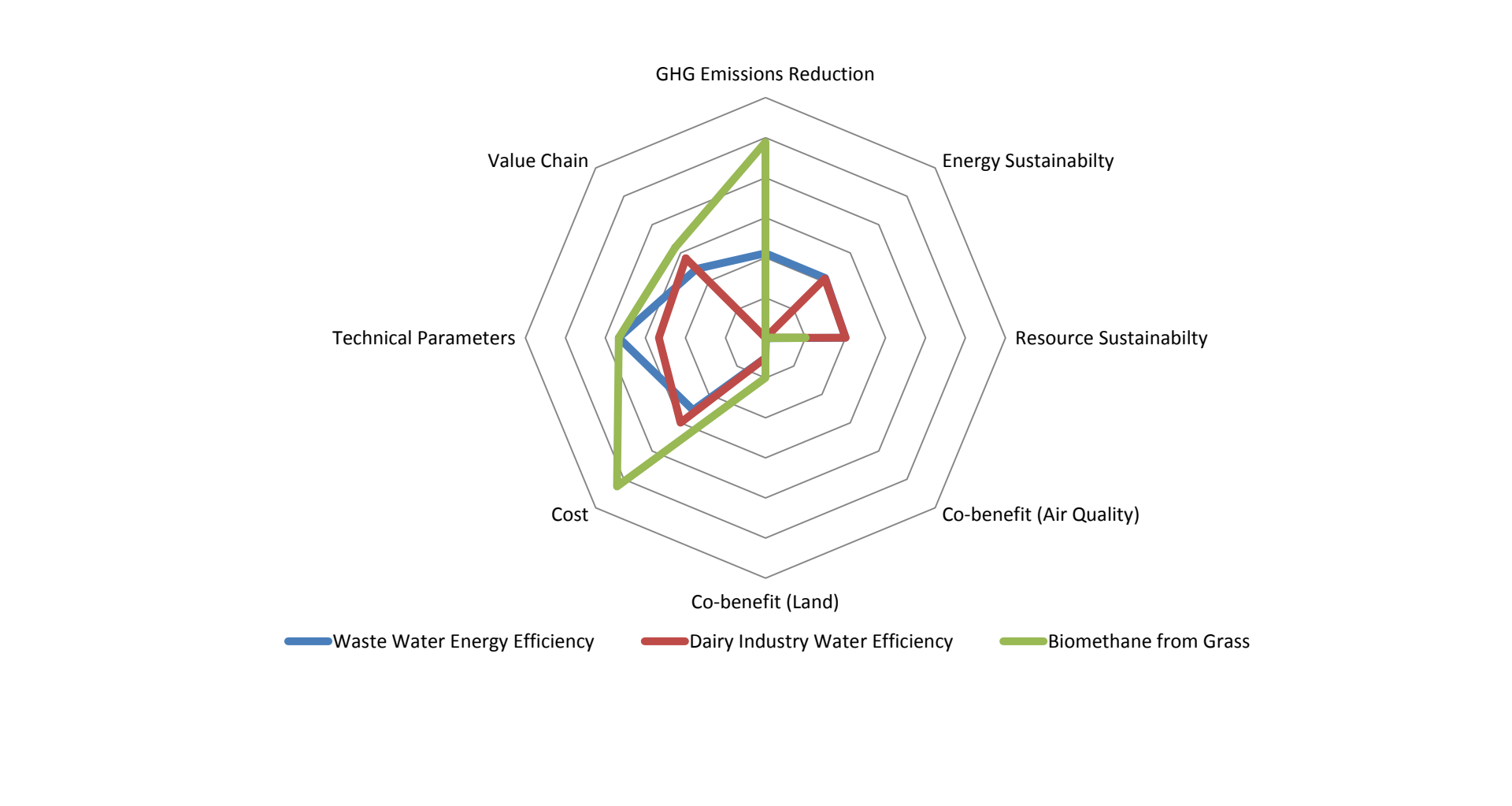



MAUT Result



- Results interpretation
 - Criteria weightings
 - Sensitivity analysis
 - Synergies/Opportunities
- Methodologies
 - MAUT (Multi Attribute Utility Theory)
 - TOPSIS (Technique for Order Preference by Similarity to Ideal Situation)

Preliminary Results



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- Thank you
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