



Climate-KIC

Climate-KIC – Innovation for Adaptation



Climate-KIC is supported by the EIT,
a body of European Union



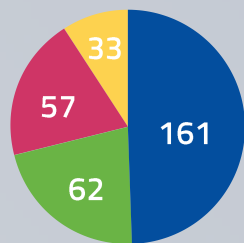
EIT Climate-KIC across Europe



EIT Climate-KIC countries



EIT Regional Innovation Scheme countries (RIS)



Number of partners distributed by sector



Higher Education



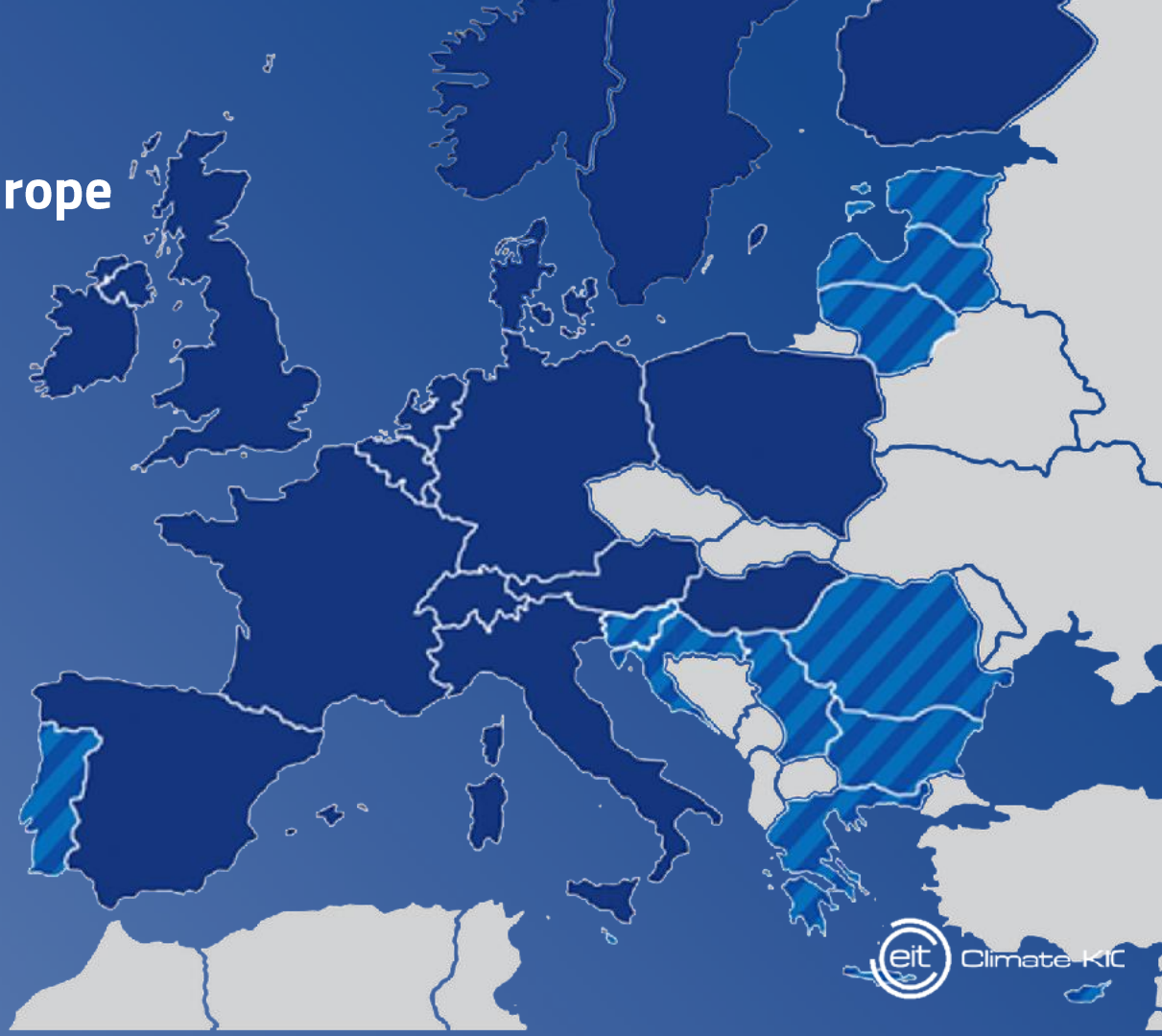
Business



Research



Cities, Regions & NGOs





Building a movement of climate action

360+
leading **partners**

>€675m
investment **attracted
to start-ups**

>2,000
full-time jobs **created**

17,000
participants in our
**education
activities**



1500+
innovative
start-ups

€2.5bn
climate funding
leveraged

367
new products
and services

3,100
graduates

Agenda for the Day

9:00-9:30am – Introductions & Warm Up

9:30 – 10:30am – Working Session – Identifying problems & Challenges

10:30-10:45am – *Coffee Break*

10:45 – 1pm – Working Sessions – Innovation Thinking, Case Studies & Developing project ideas

1pm-2pm – *Lunch*

2pm-3:30pm – Working Sessions – Developing Project Ideas & Next Steps



The background of the slide is a photograph of a rugged, snow-covered mountain range, tinted with a solid blue color. The peaks are sharp and jagged, with deep shadows in the valleys.

WORKING SESSION 1

Identifying Problems

WORKING SESSION 1

Identifying Problems – 30 minutes

Work rapidly and don't overthink it!

The goal is quantity – we will sift later

Examples:

- farmers unable to access finance to invest in their own futures
- city planners don't have good enough risk information to adapt

WORKING SESSION 1

Identifying Problems – 30 minutes

3 minutes - On your own think

12 minutes – in a pair

15 minutes – with the whole table

Write *one note* per idea

***If it feels a little uncomfortable, you're doing it right.
Comfort kills Ambition.***

What is Innovation?

Process & Examples

A person in a light-colored jacket and dark pants stands on a rocky mountain peak, holding a trekking pole. They are looking out over a vast, layered mountain range under a dramatic, cloudy sky. The word "Innovation" is centered in the middle of the image.

Innovation

A person in a hooded jacket and dark pants is seen from behind, standing on a rocky mountain peak. They are holding a trekking pole. In the background, a large wind turbine stands on a distant mountain ridge under a cloudy sky. The overall scene is in a muted, brownish-green color palette.

Innovation processes

Entrepreneurial: Idea – prototype – customer research – iterate

Problem based: Problem scoping/refining – solution scoping/refining –
resource scoping/refining implementation methods scoping/refining

System: mapping – empathy – visioning – backcasting

IDEA



PROBLEM



SYSTEM

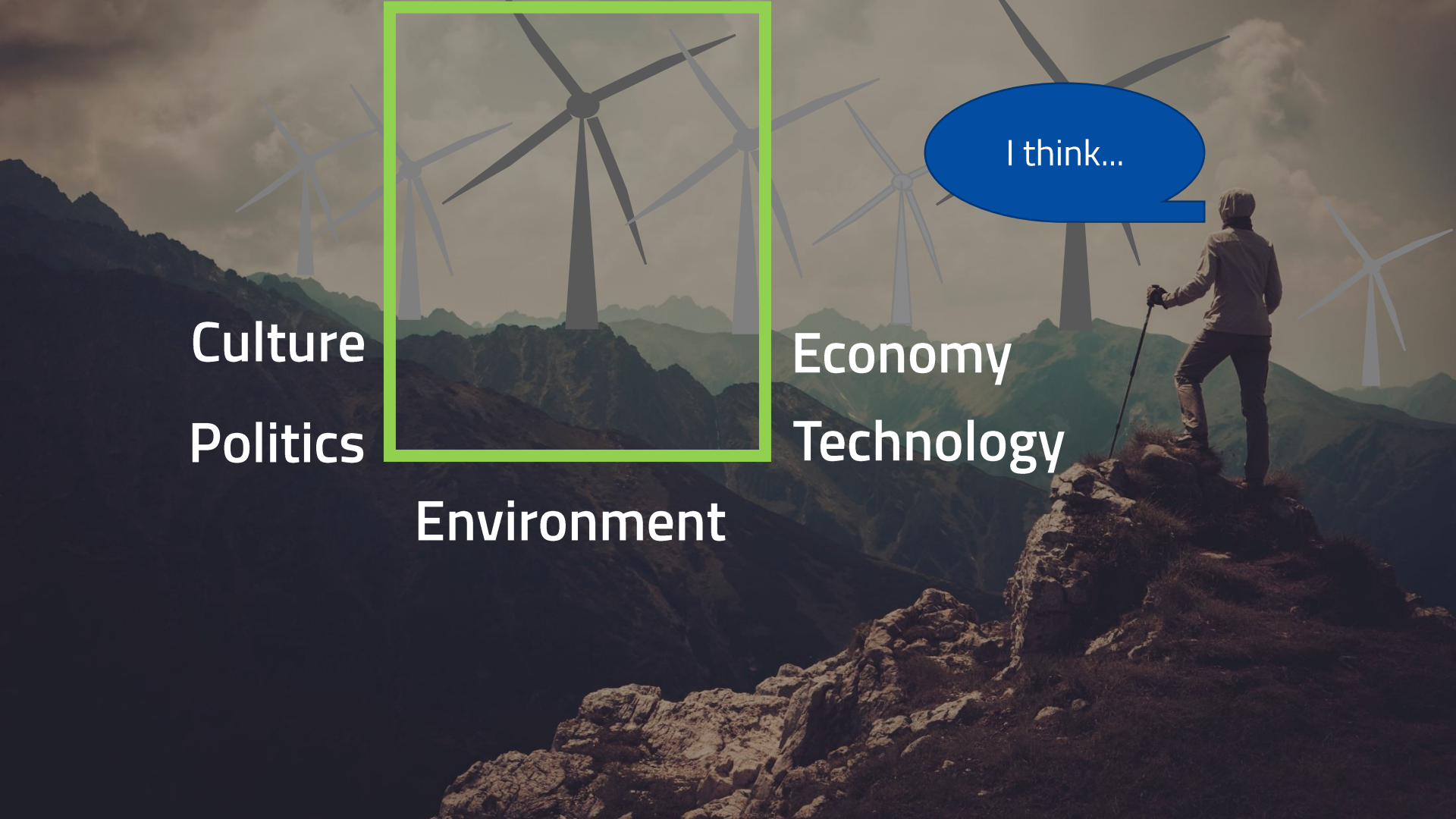


Culture
Politics

Environment

Economy
Technology

I think...





Types of Innovation

New (not tried before) vs **Better** (introducing something better)

Point solutions - Addressing a specific need e.g. water shortages affecting a particular crop

- Focused
- Specific, stand-alone projects

Systems challenges e.g. how do we help farmers across a country build their resilience to droughts?

- Broader
- Multiple, connected projects, e.g. technology, policy, finance

- ✓ Business Incubation
- ✓ Mentorship and Training
- ✓ Technology Commercialization
- ✓ Market Development
- ✓ Business Acceleration
- ✓ Access to Finance
- ✓ Consultancy Services
- ✓ Business Bootcamp
- ✓ Capacity Building

OFFERINGS



“Tackling climate change through innovation & entrepreneurs”

JAMAICA



BARBADOS



SURINAME



Some Entrepreneurs



Through various water use efficiency mechanism Instant-save has thus far helped organizations and communities save over 50 million litres of potable water improving property net operating income and maintenance costs, ultimately improving water security for Jamaica.



Produce a variety of construction items using recycled PET bottles, Styrofoam and other recyclables. Our construction materials are great insulators and will assist in lowering your energy bill.

Climate-KIC – Irrigation Examples



SPONSH (Portugal) – a ‘sponge’ fabric that absorbs moisture during the night and squeezes it out during day to water high value crops in water stressed regions



Barsha Pump (Nepal) – irrigation pump powered by streams and rivers to water nearby lands without need for electricity.

WINnERS

Weather-risk insurance / financing for smallholder farmers in Tanzania & East Africa

Innovations include;

- Use of AI / machine-learning and open source climate data
- Financing frameworks to keep cost to farmers very low
- Partnerships between Government, Banks, Insurers, Supermarkets, Farming Collectives

Currently 40,000 farmers covered in Tanzania, expanding to several more countries in East Africa.



WORKING SESSION 2

Who do we need in the room to understand this problem and possible solutions?

WORKING SESSION 2

Identifying the system and levers at play

Examples:

- Enterprises, SMEs, Startups,*
- NGOs*
- Government departments/bureaus*
- Universities*
- Investors/banks*
- Citizens*

Levers:

-Technology

-Communication

-Behaviour & Culture

-Education

-Information and Tools

WORKING SESSION 2

Set of problems at each table

**15 minutes at your table group:
craft problem statement
identify stakeholders & levers**

**2 x 10 minutes World Café rounds
10 minutes to finalise**

Complete the flipchart

The Problem Statement

Refugee women and men are unable to access
finance

to invest in own futures – excluded from financial services, perceived as higher risk, due to lack of recognised credit history.

WORKING SESSION 3

Designing a solution

***Working at your tables as a group consider solution elements –
Don't be constrained by what is not there – try to think
What if....?***

1 minutes - On your own think

10 minutes – in a pair

12 minutes – with the whole table

30 min before lunch and continue after lunch

Working Session 3 continued

Elements of a concept note – Fundamentally same as normal one

- *What is the problem you are trying to solve?*
 - *Why are existing solutions not effective?*
 - *What exactly is new and different about your proposed approach?*
 - *Explain the logic behind the new approach*
-
- *How would you scale/replicate this project if successful?*
 - *How will you and others learn from this project?*

WORKING SESSION 3

Get Specific

WHO will do WHAT by WHEN?

Title

Problem Statement

Vision

Solution

KPIs

3 -6 – 12 mo action plan

Complete the flipchart

Team Hope presents....

TRUEST

The Problem Statement

Refugee women and men (as well as other vulnerable groups in local/host country) are unable to access finance to invest in own futures – excluded from financial services, perceived as higher risk, due to lack of recognised credit history.

Vision & Solution

Headline – TRUEST, a new mobile platform to develop financial track-record targeted to refugees

Solution – digital platform to:

- financial identification – previous and future bankability

- build credit history – reduce risk of default

- enable access to financial services

KPIs

- # partners (e.g. FIs, utilities) sharing data to platform

- # people with credit history day 0

- # people with credit history year 2

- # financial services provided – eg # of loans, savings accounts, insurance

- # service add-ons

The actions

Establish fit of solution – with refugee men and women population

Design use cases through pilots – for evidence base Now (Research and NGO)

3 contexts –

Technical solution design -> Start-ups

Implementation design -> Partners needed – NGOs (, Research, Local FIs,
Education and ADvocacy - Financial Literacy and Value of Maintaining a Good
Credit History

Regulation

When? 1 year for testing, 3 year for roll-out

<https://learning.climate-kic.org/en/programmes-and-courses/system-innovation-2>



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System Innovation

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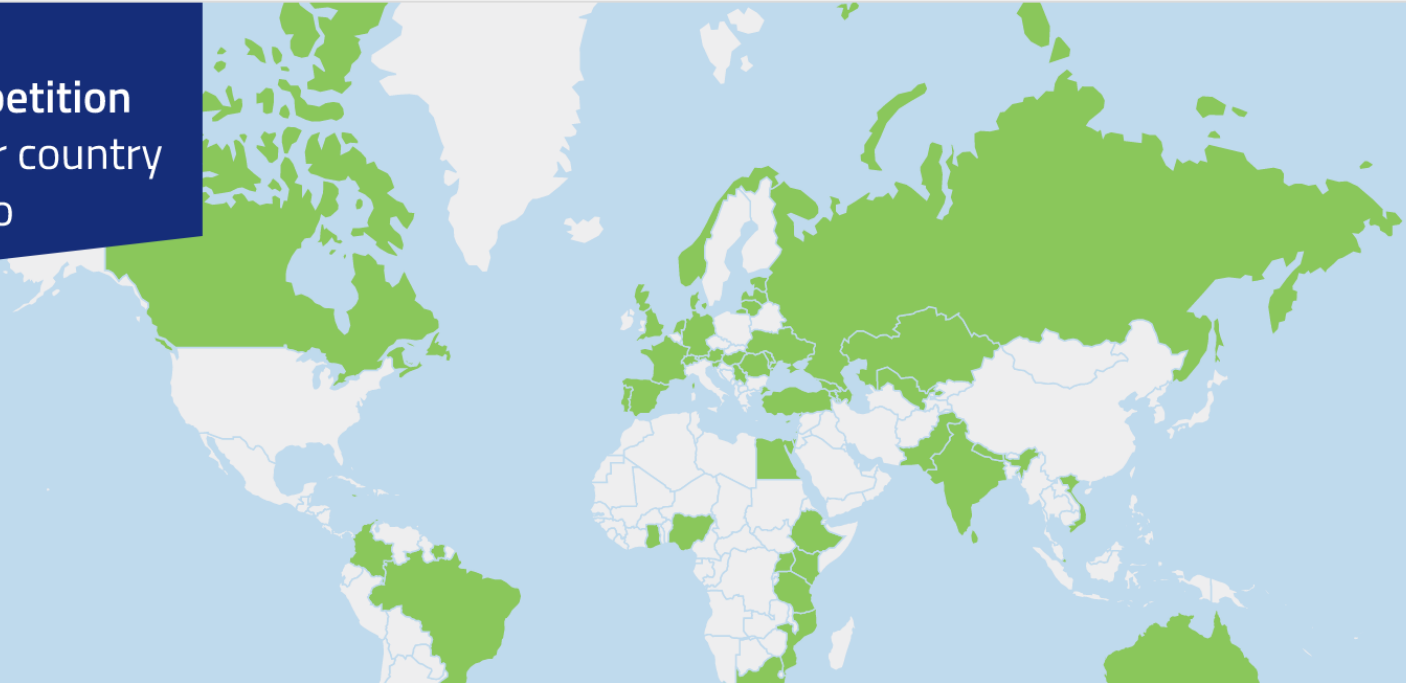
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Global competition
Click on your country
for more info



Thank you!

Let us know if you would like a one-to-one discussion on your idea.

Contact: neil.walmsley@climate-kic.org
