



Pathways to Sustainable Energy

Stakeholder Consultation Workshop: Central Asia

12-14 June 2018, Bishkek



Project Overview

Pathways to Sustainable Energy

ENERGY

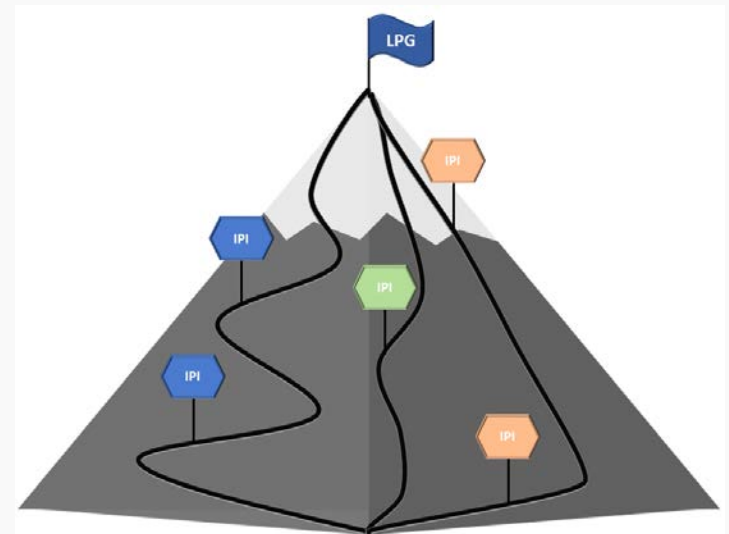


- **Timeframe:** May 2017 – Oct 2019 (Current phase)
- **Overarching Question**
How can the UNECE Region attain Sustainable Energy?
- **Key deliverables**
 - **Scenarios**
 - Modelling of Sustainable Energy scenarios to 2050
 - Policy and technology options
 - **Policy dialogue**
 - Adaptive policy pathways
 - Policy dialogues
 - Sub-regional workshops
 - **Early-warning system**
 - Signposts
 - Sustainable Energy Targets
 - Key Performance Indicators

 **Fraunhofer**

 International Institute for
Applied Systems Analysis


Pacific Northwest
NATIONAL LABORATORY



<https://www.unece.org/energy/pathwaystose.html>

Research Questions Draft Deep Dives & Case Studies* (Technology, Policy, Regional)

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Focal question: How can countries attain sustainable energy by 2050?

I What is the optimal energy-mix for different sub-regions within the UNECE region in order to help achieve the 2030 Agenda and create a sustainable energy system?

- Energy mix; Role of sub-regional energy trade / Regional cooperation; Country leadership

II What can be drivers for the transition towards a sustainable energy system?

- Policies; Technologies; Infrastructure; Finance / Investments

III How to track progress towards achieving and for maintaining a sustainable energy system?

- Long-term performance goals; signposts, „early warning“ system

*Case Study: Further analysis of an existing national, sub-regional, sectoral case; Deep Dive: Further analysis of modeling results as part of a research question.

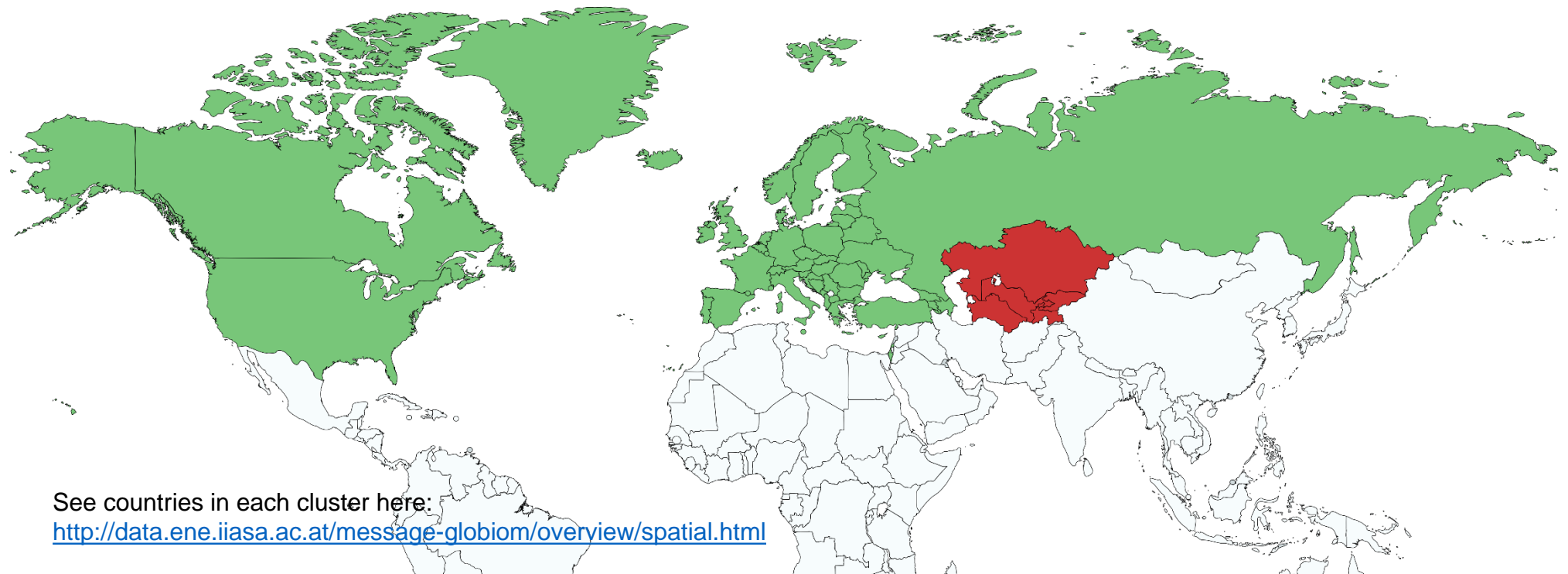
Sub-Regional Modeling and Analysis

Define particular areas of interest in sub-regions

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- **Global Modelling**
 - **UNECE Modelling**
 - **Regional subsets**



See countries in each cluster here:

<http://data.ene.iiasa.ac.at/message-globiom/overview/spatial.html>

Project Timeline

Engagement with the Expert Community



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Stakeholder Consultation Workshop

National Sustainable Energy Action Plans & Scenarios for Central Asia



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	12 June 2018	13 June 2018	14 June 2018
09.00 - 13.00	<p>OPENING & INTRODUCTION</p> <p>HEARING FROM THE REGION: SUSTAINABLE ENERGY IN CENTRAL ASIA</p>	<p>OVERVIEW: MODELLING APPROACH</p> <p>PRELIMINARY SCENARIO RESULTS</p>	<p>SELECTION OF DEEP DIVES</p> <p>OUTLOOK: PLANNING NEXT STEP</p>
13.00 - 14.00	Lunch	Lunch	-
14.00 - 17.30	<p>POLICY DIALOGUE: HOW TO ACHIEVE SUSTAINABLE ENERGY</p>	<p>TECHNOLOGY PORTFOLIO AND ZOOM-INS</p>	.

Stakeholder Consultation Workshop

Workshop Objectives

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- Learn about sustainable energy in Central Asia
- Policy options and deep dives
 - Present and discuss “Best Practices sustainable energy solutions in Kyrgyzstan” study
 - Identify sustainable energy policy options and deep dives
- Scenario modeling
 - Introduce modeling approach
 - Reactions to first scenario results for Central Asia
 - Discuss results of the technology research
- Define next steps and phases



Thank you!

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UNECE

Date 12 | 06 | 2018, Bishkek