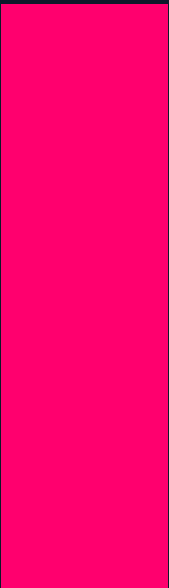




# Case study: Adaptation to Climate Change Living Lab

Lydia PAPADAKI  
ATHENA Research and Innovation Centre



## THE INTELCOMP PLATFORM

*IntelComp is a **Platform** for **Public Administration** (and other STI agents), that provides **tools** for evidence-based **STI policy** (at all phases), which is based on **Open data**, supported by **Innovative analytics services**, NLP pipelines and AI workflows and deployed in **HPC and cloud** infrastructure*

# THE INTELCOMP CONTEXT – END USER TOOLS

	STI Viewer	STI Policy Participation Portal	Evaluation Workbench
Targeted Organization	Public administration (Ministry), funding agency	Ministry, funding agency, academic, business and citizen organizations	Funding Agency
Targeted user	Policy & STI analyst	Policy officer, STI managers/agents for organizations, citizens	Call Manager
Main functionality	Analyze, compare and visualize a comprehensive set of STI related KPIs	To provide a synthetic list of measurements for participatory STI policy making	To assist in the ex-ante evaluation of STI proposals for funding
Stage of the policy-making cycle	Agenda setting, Evaluation	Agenda setting, Evaluation	Implementation
Previous Tool	Data4Impact	<i>(simplified)</i> STI Viewer	Corpus Viewer

# INTELCOMP STI VIEWER & LIVING LABS

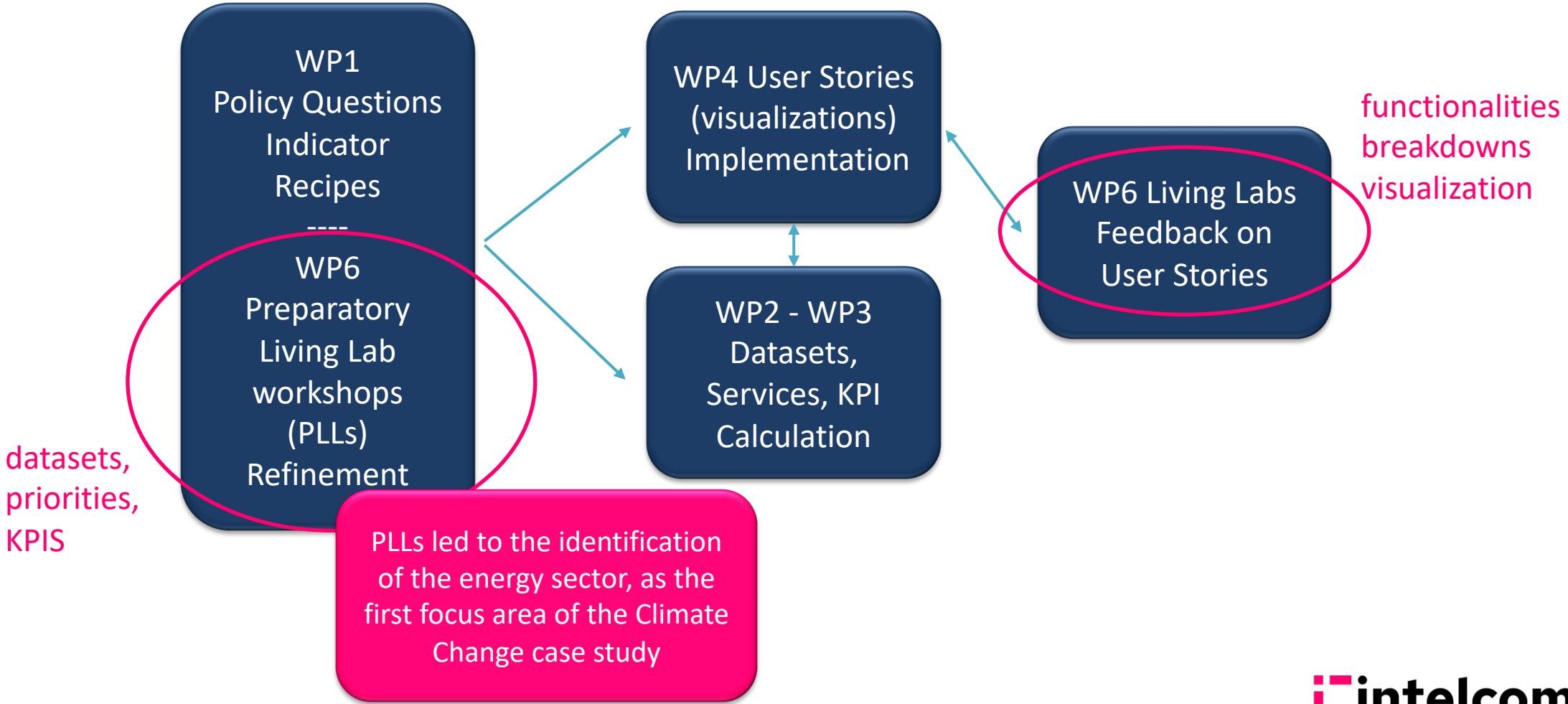
## Policy Intelligence in IntelComp

- Help decision-making of **policy makers & administrators** by turning the huge amounts of dynamic, multilingual and heterogeneous **data** into **actionable insights** and **evidence-based** policy-making

## STI Viewer

- Interactive **AI-assisted, data and visualization** platform for **monitoring, evaluation & policy-making**
- Set of **well-documented, relevant, reliable** and **timely** indicators that can be “sliced” across multiple dimensions for **in-depth** analysis:
  - **Sectors:** Science, Technology, Industry, HR, Society, etc
  - **Geography:** Europe, country
  - **Research Areas:** domain, category, topic
  - **Other facets:** *time, organizations, etc.*

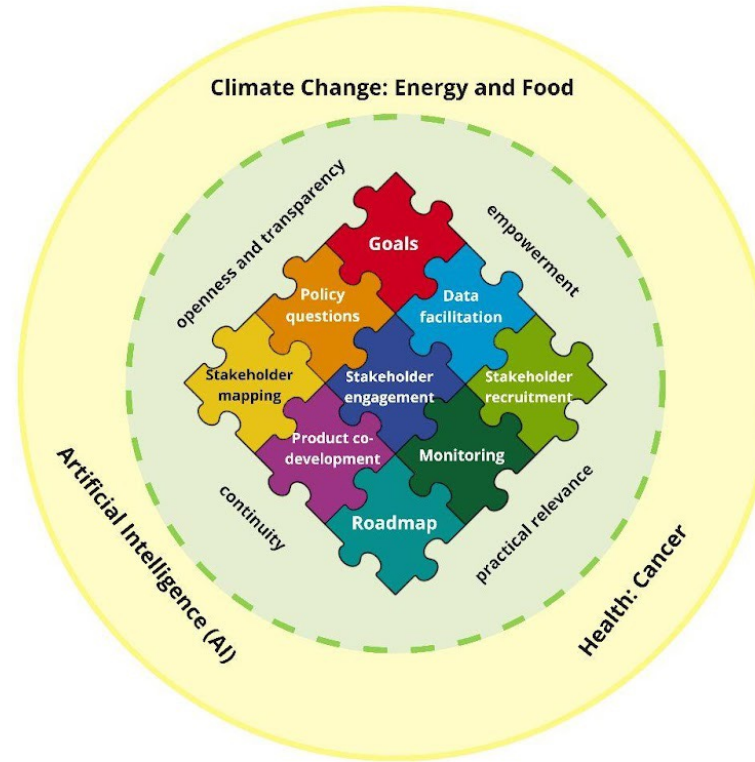
# INTELCOMP STI VIEWER & LIVING LABS



# KEY ELEMENTS AND PRINCIPLES OF LIVING LABS

The key elements of the LL comprise:

- ✓ the **goals**,
- ✓ specific **policy questions** and **data**,
- ✓ the **stakeholder** dimension (mapping, recruitment, engagement), ]
- ✓ the **co-development** of tools,
- ✓ the **implementation roadmap**, and
- ✓ the **monitoring** of the LL implementation



Living Labs Key Elements



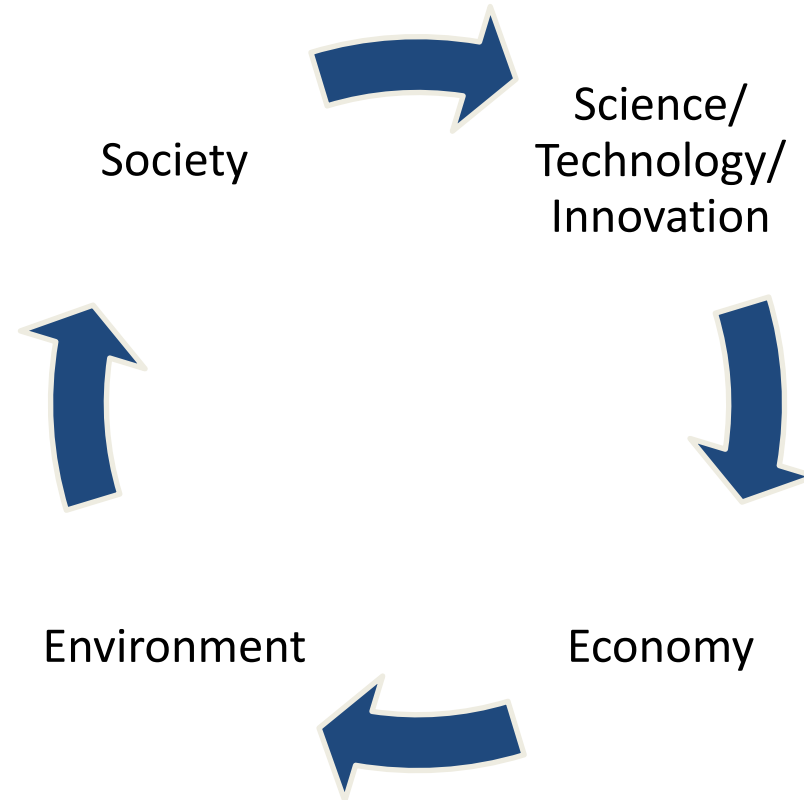
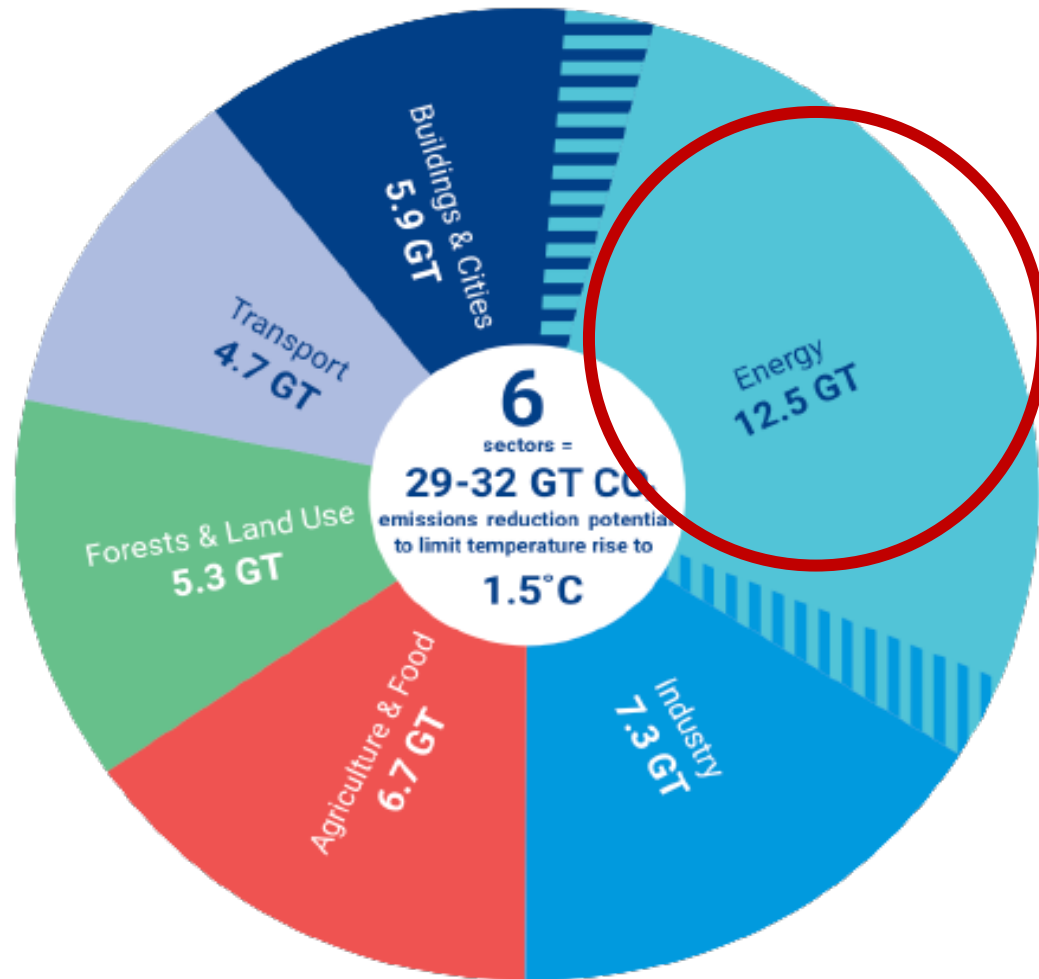
Living Labs Principles



Living Labs Policy Ecosystem

# LIVING LAB ON ADAPTATION TO CLIMATE CHANGE

Global Greenhouse Gas Emissions by Economic Sector



# LIVING LAB ON ADAPTATION TO CLIMATE CHANGE

## ➤ Purpose

1. **Context research**, where the participants investigate the context and focus areas (participatory living labs)
2. **Discovery**, where the participants are asked to provide insight into unexpected STI policy-based actions and new service opportunities provided by the IntelComp platform
3. **Co-creation**, where the final users of IntelComp platform are being involved as co-creators
4. **Evaluation**, where the users evaluate and validate new solutions and services provided by the IntelComp platform
5. **Technical testing**, where the final users experience technical testing in a (semi)realistic context of use.



# LIVING LAB ON ADAPTATION TO CLIMATE CHANGE

## ➤ Expected outcomes/results

- ✓ **Inform future platform users** (selected stakeholders) about the Intelcomp project and how how they can get involved in the development of the platform
- ✓ **Validate the functionalities** of the Intelcomp tools by selected stakeholders
- ✓ Provide an exploration/experimentation space to the selected stakeholders, where they will think liberally about the limitations and **future development of the Intelcomp tools**
- ✓ **Meet selected stakeholders' expectations** with regard to the update of the presented tools.

## ➤ Primary LL stakeholders

- ✓ Policy-makers, research funders, public administrators and selected experts from academia the business sector

# LIVING LAB ON ADAPTATION TO CLIMATE CHANGE

Stage	Date	Workshop title	Target audience	Workshop Leader
STAGE 1	28.06.2021	Preparatory Living Lab workshops on Climate Change and blue growth No.1	Public Administration, Funding Agencies, Academia, Business and Citizen organisations	ATHENA RC
	30.07.2021	Preparatory Living Lab workshops on Climate Change and blue growth – The Mediterranean group No.2 “Understanding the gap between Knowledge and Action”	Public Administration, Funding Agencies, Academia, Business and Citizen organisations	ATHENA RC
	08.10.2021	Preparatory Living Lab workshops on Climate Change and blue growth – The BLACK AND CASPIAN SEA group No.2 “Understanding the gap between Knowledge and Action”	Public Administration, Funding Agencies, Academia, Business and Citizen organisations	ATHENA RC
	29.10.2021	Preparatory Living Lab workshops on Climate Change and blue growth – The Mediterranean group No.3 “Climate change and energy”	Public Administration, Funding Agencies, Academia, Business and Citizen organisations	ATHENA RC
	17.12.2021	Preparatory Living Lab workshops on Climate Change and blue growth – The BLACK AND CASPIAN SEA group No.3 “climate change and energy”	Public Administration, Funding Agencies, Academia, Business and Citizen organisations	ATHENA RC
	28.01.2022	Preparatory Living Lab workshops on Climate Change and blue growth – The Mediterranean group No.4 “climate change and industry”	Public Administration, Funding Agencies, Academia, Business and Citizen organisations	ATHENA RC
	25.02.2021	Preparatory Living Lab workshops on Climate Change and blue growth – The BLACK AND CASPIAN SEA group No.4 “climate change and industry”	Public Administration, Funding Agencies, Academia, Business and Citizen organisations	ATHENA RC
STAGE 2	08.12.2022	IntelComp STI Viewer tool for Academia & Industry	Academia, Business and Citizen organisations	ATHENA RC
	XX.01.2023	IntelComp STI Viewer tool for Public Administrations	Public Administration and Funding Agencies	ATHENA RC
	XX.02.2023	IntelComp STI Policy Participation Portal tool for Academia & Industry	Public Administration, Funding Agencies, Academia, Business and Citizen organisations	ATHENA RC
	XX.03.2023	IntelComp STI Policy Participation Portal tool for Public Administrations	Public Administration, Funding Agencies, Academia, Business and Citizen organisations	ATHENA RC
	XX.04..2023	IntelComp STI Policy Participation Portal for Citizens	Public Administration, Funding Agencies, Academia, Business and Citizen organisations	ATHENA RC
	XX.05.2023	IntelComp Evaluation Workbench toll for Funding Agencies	Funding Agencies	ATHENA RC
STAGE 3	XX.06.2023	An information event with parallel sessions targeting different stakeholder groups	Policy Analysts, Experts, Scientists and Citizens	ATHENA RC

 intelcomp



Thank you!

