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Renewable Energy Sector

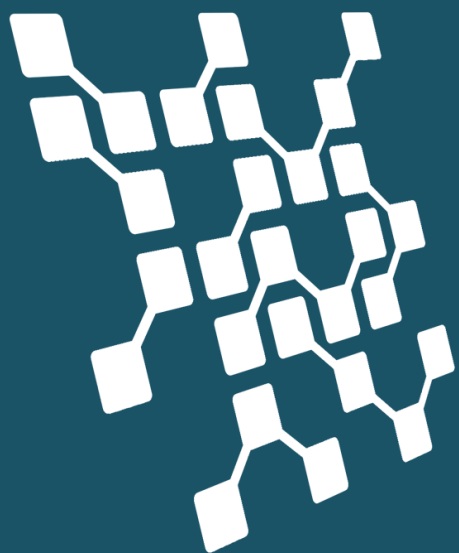
# Responsible Sourcing for a Green Transition

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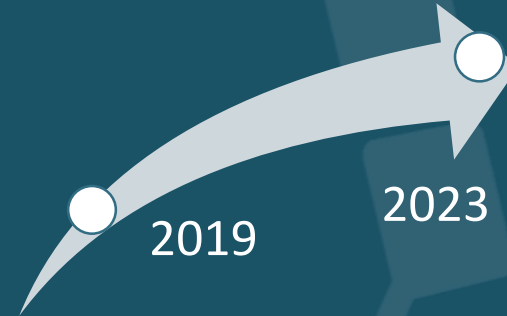


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 869276



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## H2020 project

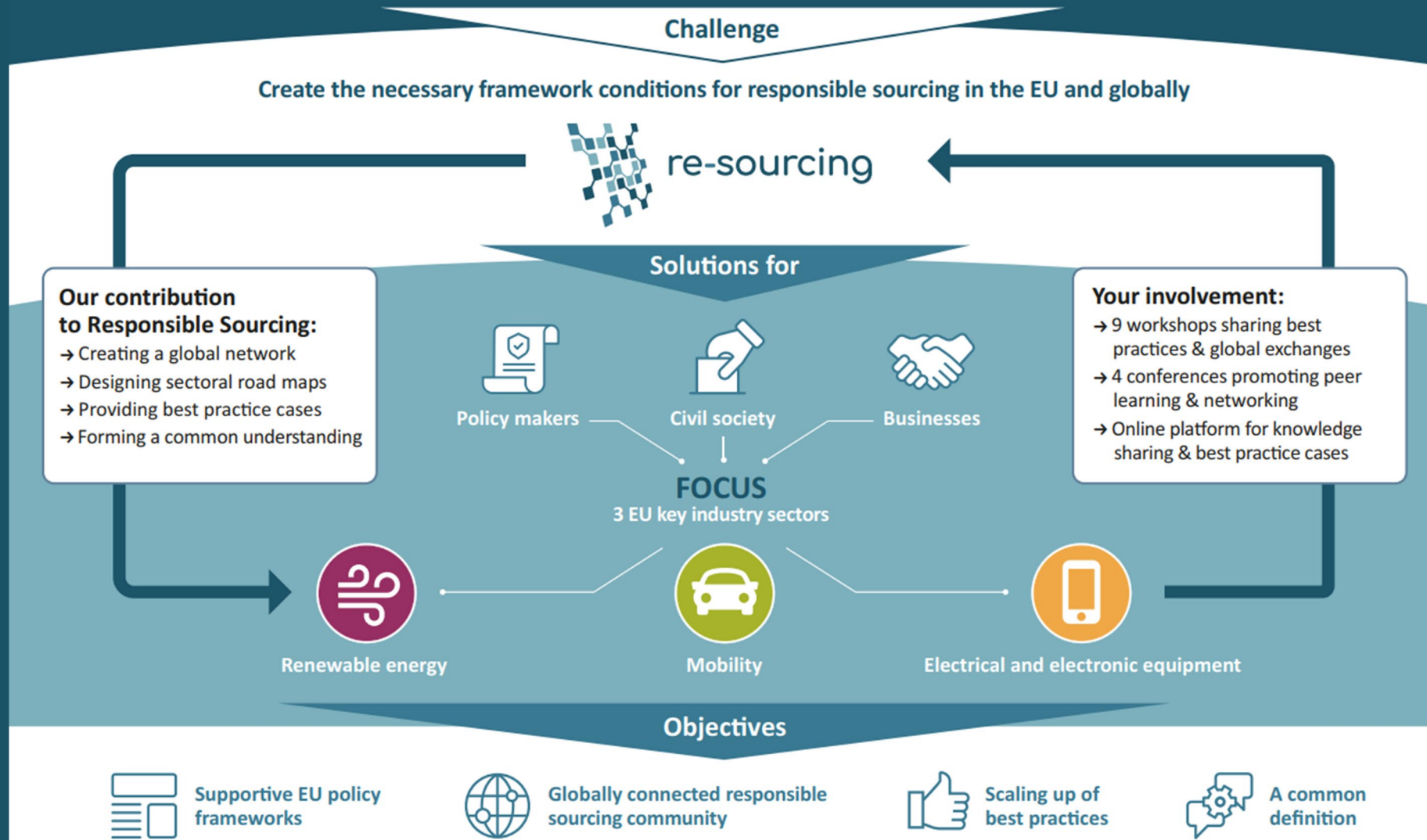


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## RE-SOURCING Project Partners



## A Global Stakeholder Platform for Responsible Sourcing in Mineral Value Chains



We kicked off in November 2019.  
This is our plan until October 2023.

Join our  
events and  
talk to us!



## What's coming next in RE-SOURCING?

- Flagship Lab on Electrical and Electronic Equipment – January 2023
- Global Advocacy Forum South Africa (B2B Mining Indaba) – February 2023

**Visit the new website and join us at our events!**

**More information:**

**re-sourcing.eu**

**info@re-sourcing.eu**

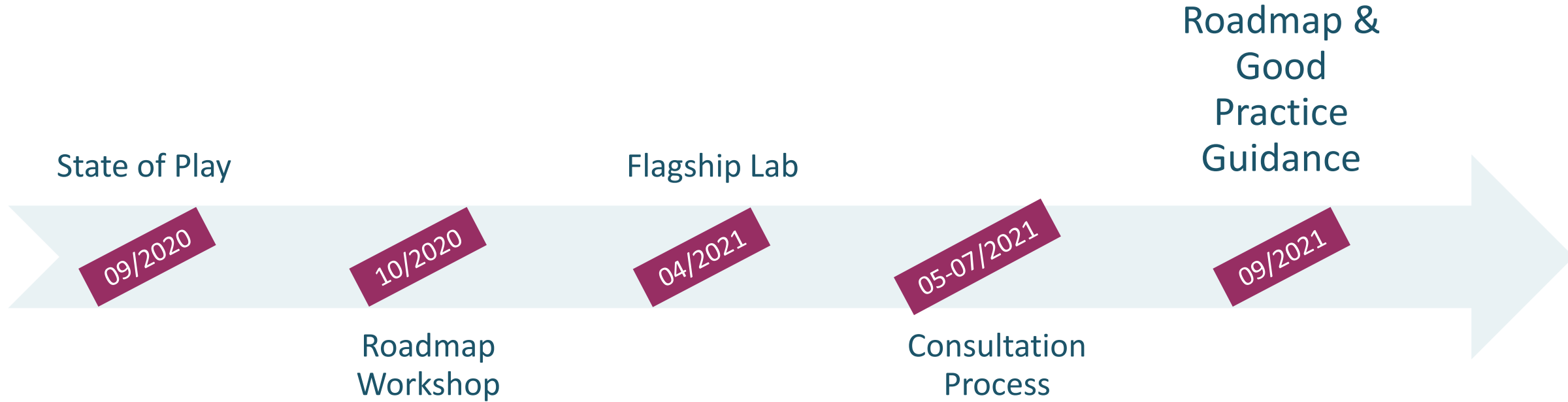
# Renewable Energy Sector



# Renewable Energy Sector - Scope



- Mining & Processing
  - Copper
  - Rare Earth Elements
  - Quartz/Silicon Metal
- Manufacturing & Recycling
  - Wind Turbines
  - Solar PV Modules
- Supply Chain
  - Procurement





## State of Play Report

Issues and Challenges for Sustainability along the supply chain

e.g., human rights violations, environmental pollution, water consumption

## Flagship Lab

Good Practice Examples to support the implementation of responsible sourcing

e.g., take-back programme for EoL solar PV modules, multi-stakeholder approach to policy development

## Consultation Process

- Series of 5 webinars
- Expert interviews
- Written feedback
- All Stakeholder Groups
- Global Involvement

## Roadmap & Good Practice Guidance

09/2021

# VISION

## FOR THE RENEWABLE ENERGY SECTOR

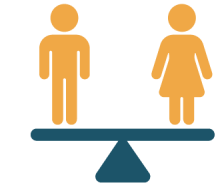


### RESPONSIBLE PROCUREMENT

Copper, Silicon, Rare Earth Elements



Transparency and Traceability



LEVEL  
PLAYING FIELD

2030

2025

2050

2040

STATE  
OF  
PLAY

RECOMMENDATIONS FOR  
POLICY MAKERS, INDUSTRY, CIVIL SOCIETY



### CIRCULAR ECONOMY & DECREASED RESOURCE CONSUMPTION

Take back Programmes for Solar PV & Wind Turbines



### PARIS AGREEMENT & ENVIRONMENTAL SUSTAINABILITY

Net zero Emissions  
Net positive Contribution  
to Biodiversity  
100% Renewable Energy



### SOCIAL SUSTAINABILITY & RESPONSIBLE PRODUCTION

Local & regional Development,  
Stakeholder Engagement

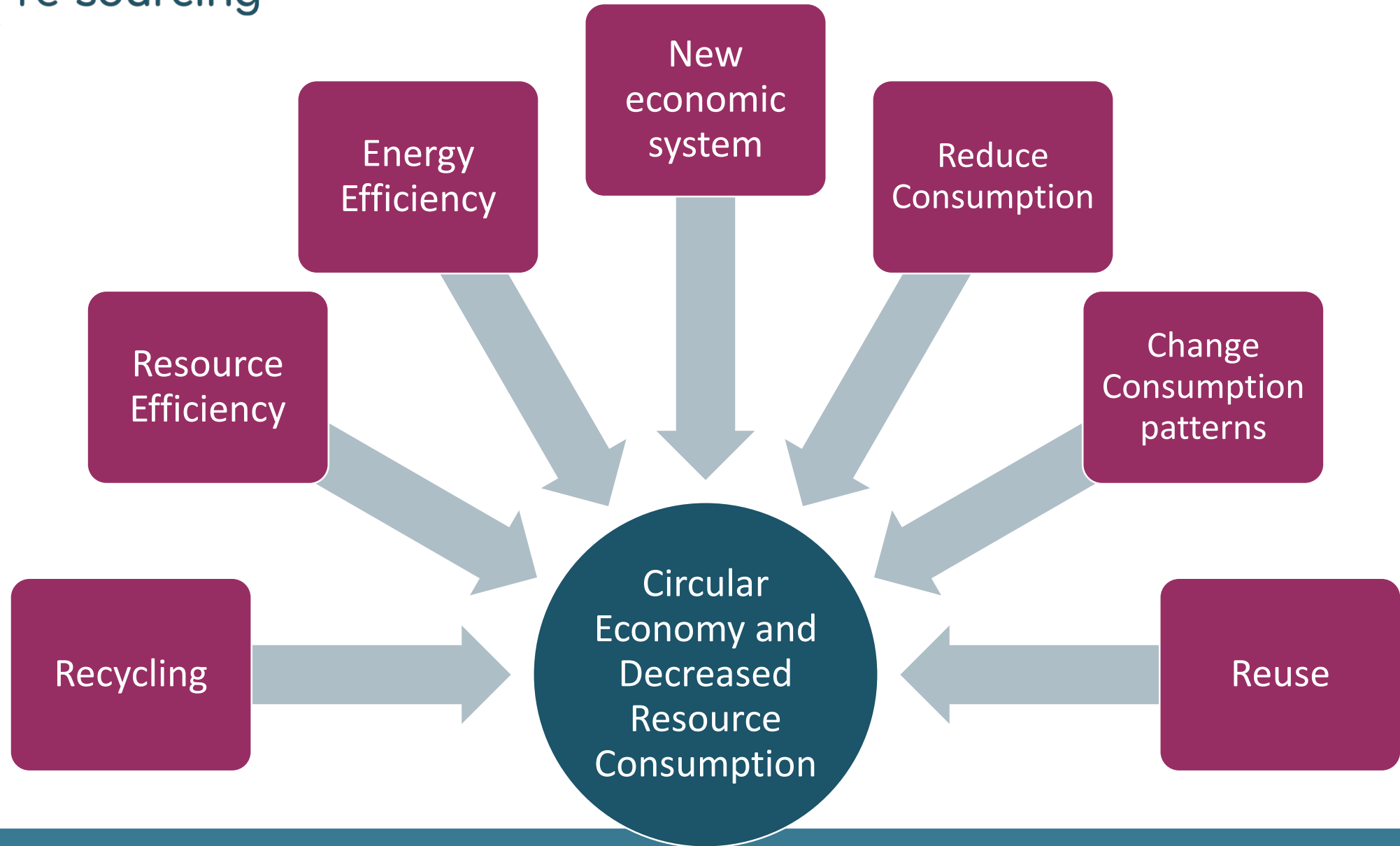


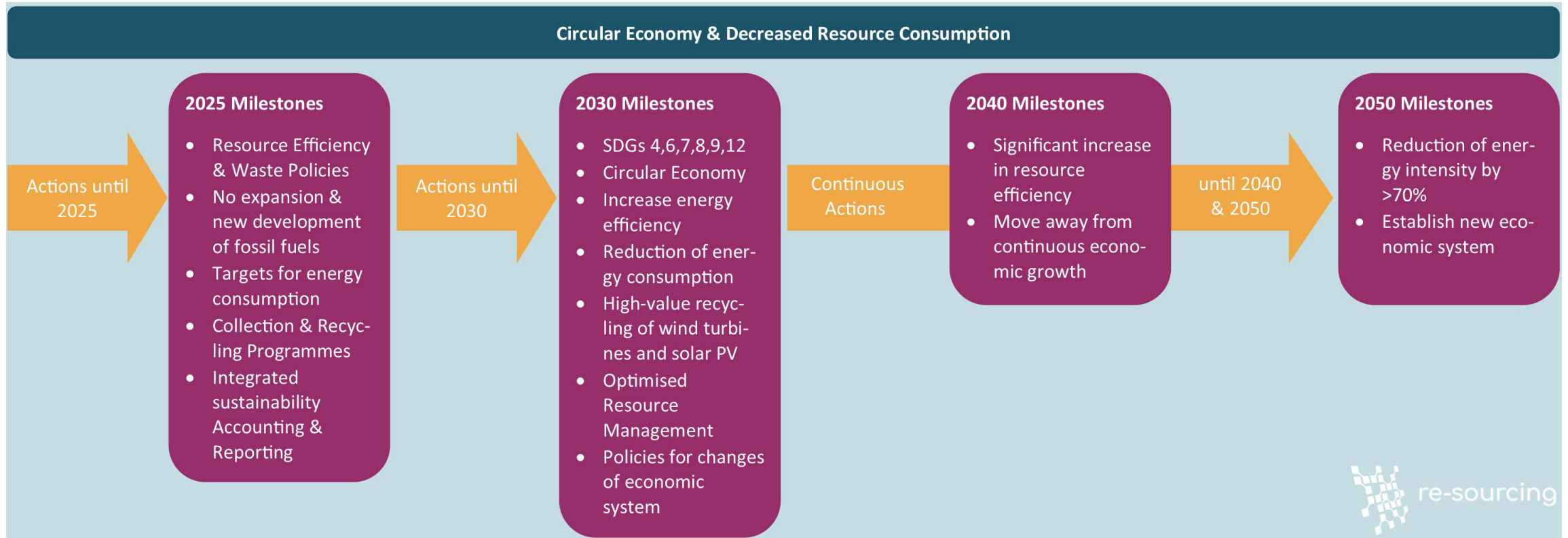


## **Target 1:** Circular Economy & Decreased Resource Consumption

### Main Aspects:

- Resource Efficiency
- Recycling & Reuse
- Change of consumption patterns



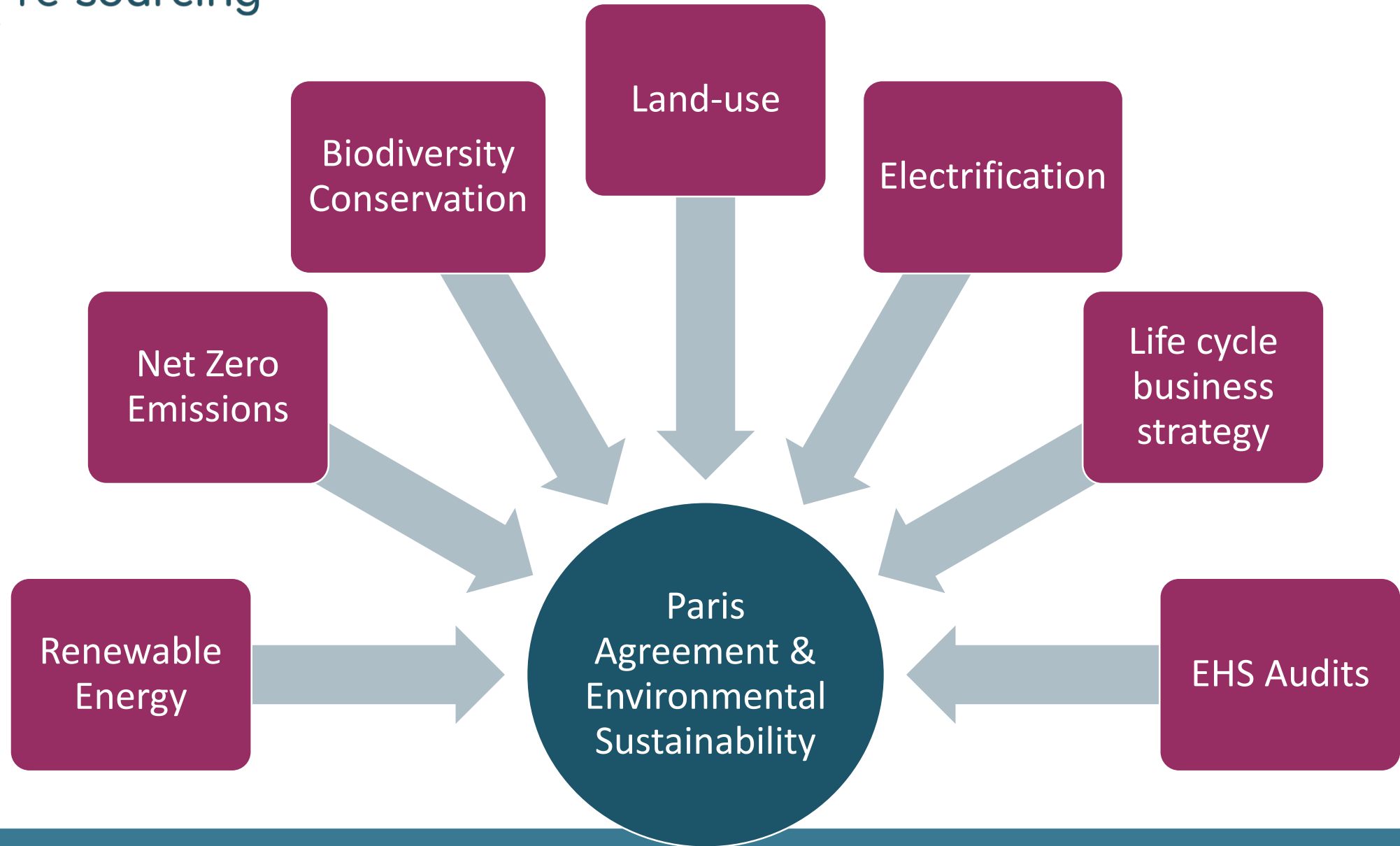


# 2

## Target 2: Paris Agreement & Environmental Sustainability

### Main Aspects:

- Expansion of Renewable Energy
- Net-zero emissions
- Environmental protection/Biodiversity conservation





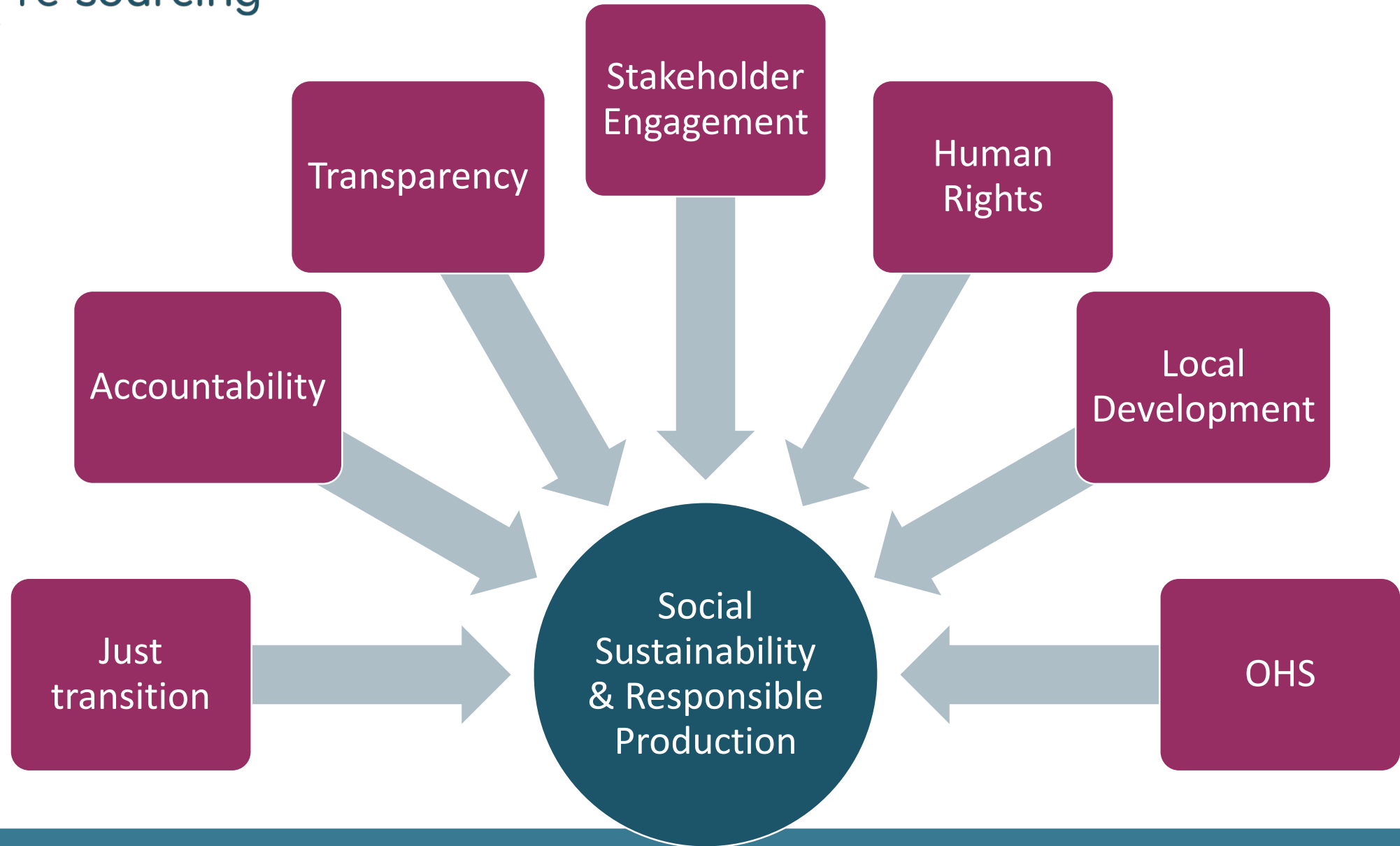
Source:  
Wien Energie 2020



## **Target 3:** Social Sustainability & Responsible Production

### Main Aspects:

- Energy Justice
- Occupational Health & Safety
- Meaningful Stakeholder Engagement





## Good Practice Recommendations

*Good Practice Recommendations for a consultative approach to designing national mining policies*

Create a step by step participatory and inclusive approach to establish a vision, goals, and indicators for the mining policy. Draft a live memory/live document that is continuously amended during the consultative stages to keep track of the overall process of the consultation.

Take an approach that is open to input, critique and suggestions and presents an objective way of engaging with different stakeholders and their interests, regardless of background.

The design and use of different participatory formats (round tables, online and territorial consultations, technical working groups) to enable nationwide participation.

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## Target 4: Responsible Procurement

### Main Aspects:

- Mandatory supply chain due diligence
- Transparency of mineral supply chains
- Resilient supply chains





# Recommendations

## Policy Makers

### Mining:

Enable responsible mining in Europe, no more 'burden-shifting'

### Manufacturing:

Raw materials and products imported from outside the EU need to fulfil the same sustainability requirements as operations inside the EU

## Policy Makers

### General:

- Implement supply chain due diligence law, mandatory for all international players
- Implement respective control mechanisms

## Industry

### General:

- Assess and understand strategic vulnerabilities of companies' supply chains
- Decrease GHG emissions along a company's supply chain by introducing tailor-made climate protection projects

## Industry

### Manufacturing:

Take decisive action against modern slavery and forced labour in the supply chains of solar PV and wind turbines

### Mining:

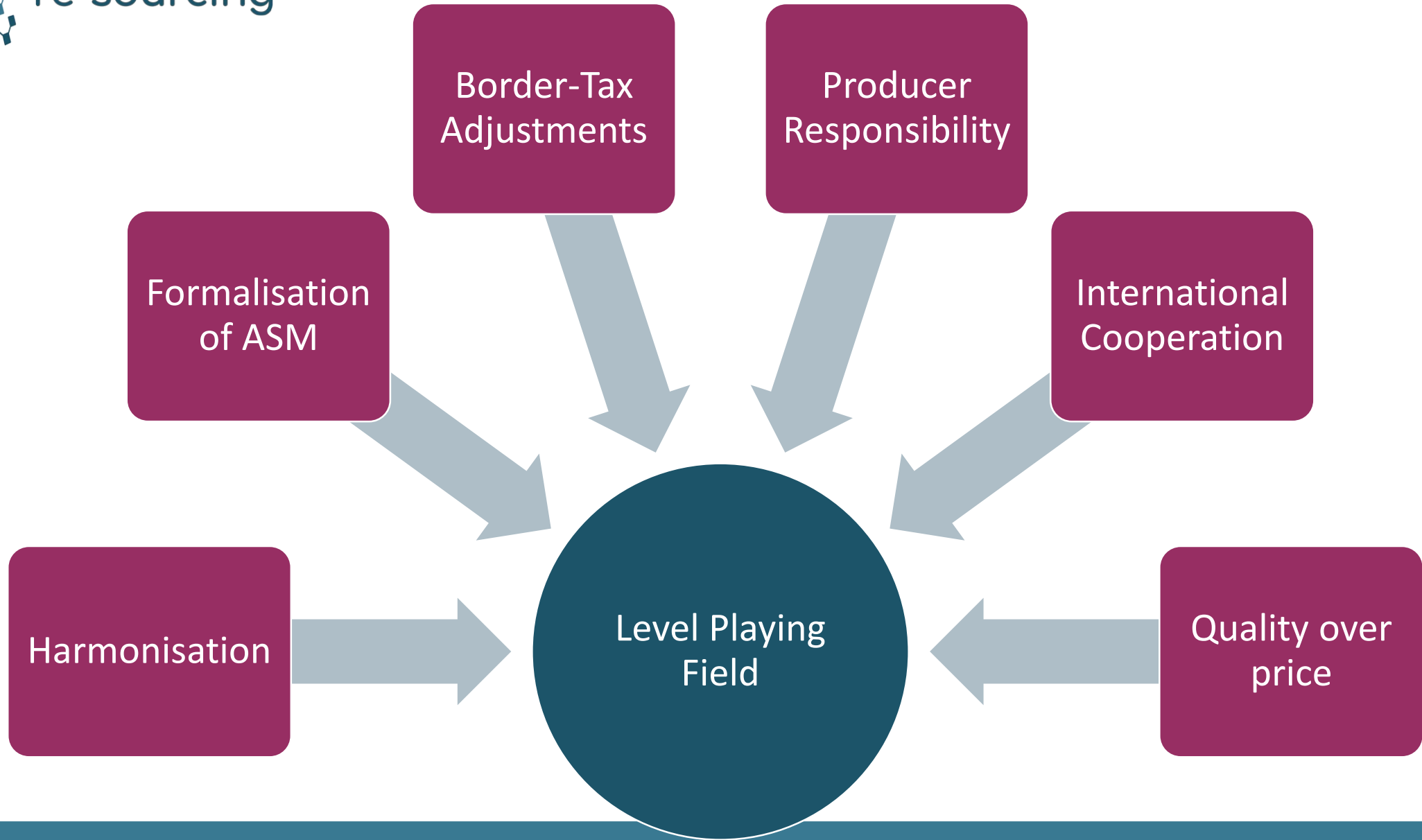
Support local procurement

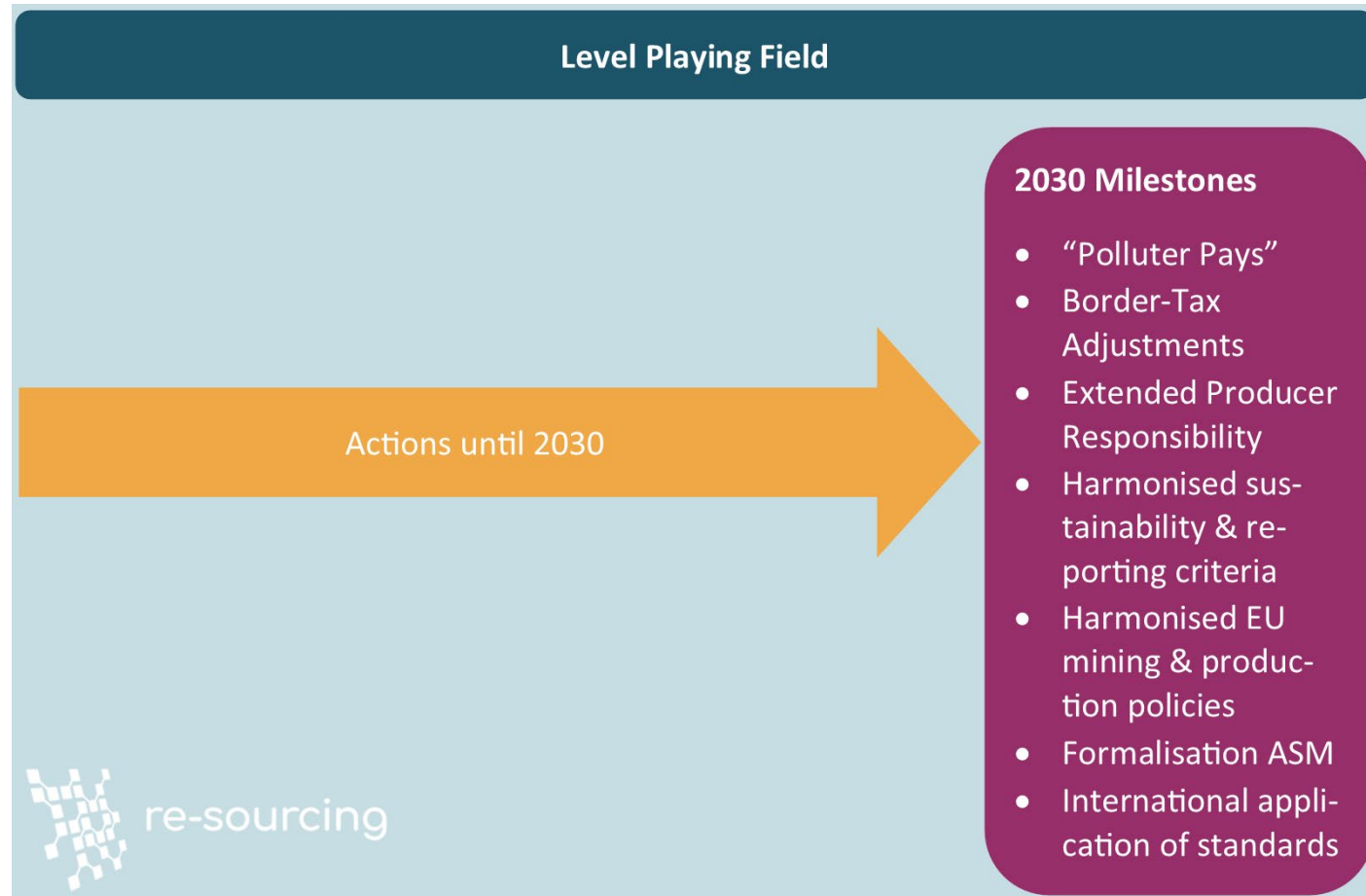


## Target 5: Level Playing Field

### Main Aspects:

- Harmonisation of standards
- Integration of ASM
- International collaboration & development







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THANK YOU  
for your attention!



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