



# Agenda | March 27<sup>th</sup>

## March 27 | EnR Regular Meeting (morning)

09:00 – 09:30 | *Registration*

### Welcome

09:30 – 09:40 | **Nelson Lage**, President of EnR and **ADENE**

09:40 – 09:50 | **Kristina Haverkamp**, Member of the Board of Directors, **dena**

09:50 – 10:10 | **Guest Speaker – German government representative** (*tbc*)

### EnR Presidency 2022

10:10 – 10:15 | Agenda | **Luís Silva**, Cooperation and Institutional Affairs Director at ADENE

10:15 – 10:20 | EnR Presidency 2022 - Highlights | **Luís Silva, ADENE**

10:20 – 10:30 | EnR Presidency 2022 - Communication & Events | **Inês Mendes, ADENE**

10:30 – 11:00 | EnR Presidency 2022 – Studies & Publications | **Sofia Cordeiro, ADENE**

- (10 min) Green Jobs & Skills | **Filipa Newton, ADENE**
- (10 min) Renewable Energy Communities | **Manuel Casquição, ADENE**

11:00 – 11:30 | *Coffee-break*

11:30 – 12:00 | EnR Presidency 2022 – proposal for new WG procedures | **Inês Mendes/Sofia Cordeiro, ADENE**

*Creation / Management / Evaluation Reactions from the room in between presentations*

12:00 – 12:30 | EnR Members projects/initiatives

- Energy Audits Implementation in Lithuania | **Virgilijus Poderys, ENA**
- Just Transition and Energy Poverty | **Ármin Bóhm, MEKH**
- Towards a green Europe with no energy imports? | **Marian Poolen, RVO**

12:30 – 14:00 | *Lunch break*



# European Energy Network

A voluntary network of European energy agencies

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Luís Silva



EnR Regular Member  
Director of Cooperation and Institutional Affairs  
ADENE, Portugal



# EnR Network @ M72



## In person



Agência para a Energia



## Online



## Not attending





# EnR 2022 Highlights

- Strong focus on EnR communication and **projection at a global level.**
- Smooth communication, high-quality information flows and knowledge transfer **among EnR members**, and collaboration in joint initiatives launched **by WG.**
- **+30 initiatives** (incl. studies, events, surveys, communication) with a focus on **international cooperation** with networks of stakeholders and **youth engagement.**





# 21 members active



# +80 organisations engaged

## GLOBAL / NON-EUROPEAN



## NATIONAL GOVERNMENTS



## LOCAL AUTHORITIES



## EUROPEAN INSTITUTIONS & INITIATIVES



## EUROPEAN NETWORKS & ASSOCIATIONS



## NATIONAL ORGANISATIONS



## ACADEMIA & PROJECTS



Click on the logos for more information





# Working Groups

- Creation of the EnR task force to launch the **new WG Water-Energy Nexus**
- Working Groups
  - **4 WG stand-out** given the various activities promoted:
    - Behaviour Change, Industry & Enterprises, Buildings and Monitoring Tools
  - **New WG Chairs:**
    - Behaviour Change - RVO (Co-chair EST)
    - Renewable Energy - dena
    - Labelling & Ecodesign - ADEME (Co-chair EST)
    - (WG Transport - looking for a new WG Chair or potentially Co-chair)
- Development of **new WG procedures** for the creation, management and evaluation of WG



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Inês Mendes



Head of EnR Secretariat 2022  
Coordinator of International Cooperation  
ADENE, Portugal



# Communication





# Communication | Materials

**New materials finalized** | Uploaded to [EnR website](#)

Graphic Standards Guidebook



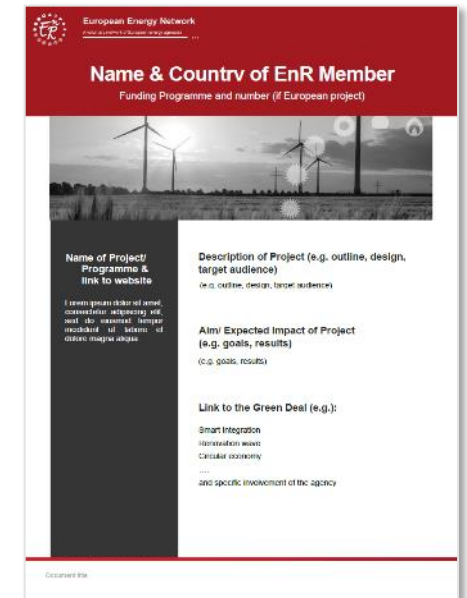
Word Templates



PowerPoint Template



EnR\_FactsSeets







# Communication | Social Media

**New Channels |**  +700 followers |  +90 followers

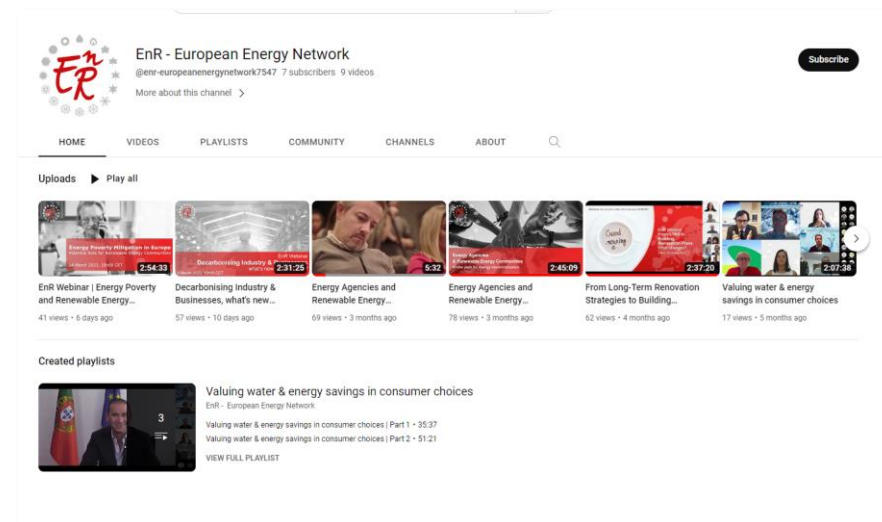
 @EnR\_Network



 EnR – European Energy Network



 @enr-europeanenergynetwork7547





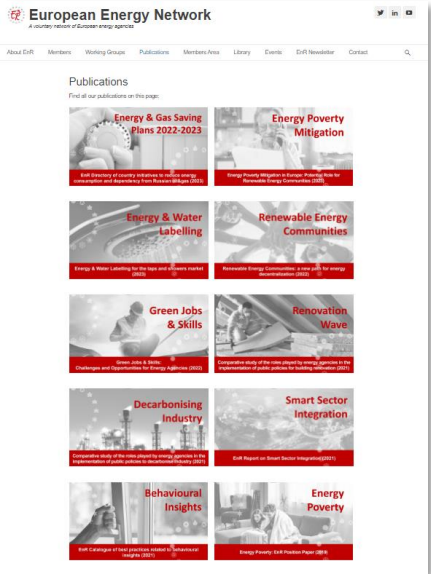
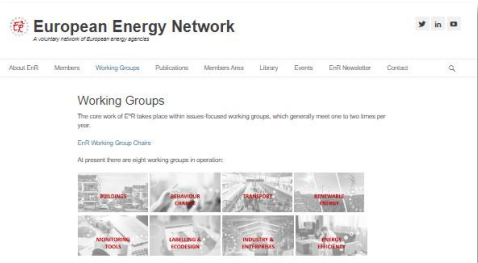
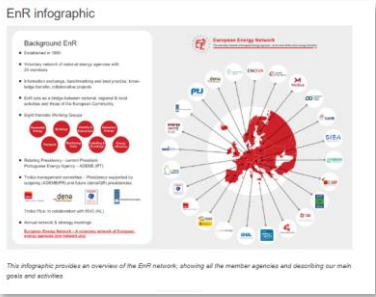
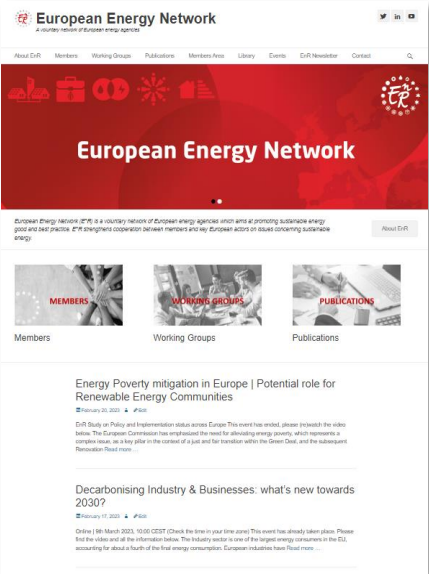
# Communication | Website

**IT technical audit** | several issues identified – results shared with dena

**Hosting** | guaranteed until **31.01.2024**

**Design** | revamping

**Content** | updated (news, publications, articles, newsletters)







# Communication | Newsletter

**5 editions** | Water Energy-Nexus, International Cooperation, Renewable Energy Communities, Energy Poverty, Green Jobs & Skills (April 2023) — **to be continued in EnR Presidency 2023**

- **From 0 to +1200 subscribers**
- **+50 contributions (news & events) from 14 agencies**
- **13 interviews**



**Miguel Fontes**  
Secretary of State for Labour  
Portuguese Government



**Carlos Zorrinho**  
Member of the  
European Parliament



**Nicolás González Casares**  
Member of the  
European Parliament



**Tsvetelina Penkova**  
Member of the  
European Parliament



**Josianne Cutajar**  
Member of the  
European Parliament



**Paula Pinho**  
DG ENER  
European Commission



**Stefan Olsson**  
DG EMPL  
European Commission



**Frédéric Boyer**  
Covenant of Mayors  
Europe



**Dirk Vansintjan**  
REScoop.eu



**Jeppe Mikél Jensen,**  
Climate Alliance Brussels



**Philippe Masset**  
ADEME



**Manuel Sapiano**  
EWA



**Christoph Jugel**  
dena



# Events







# Events

EnR Presidency 2022 promoted the participation of the network in over **15 international events**, from webinars to large in presence conferences in Lisbon (Portugal), Brussels (Belgium), Limassol (Cyprus), Maputo (Mozambique), Nice (France), La Valetta (Malta), Berlin (Germany), New York (USA).



Promoting energy and water use reduction at national and local levels (Lisbon, June 2022)



aef2022 (Bruxelas, June 2022)



EVEx Lisbon 2022 (Lisbon, October 2022)



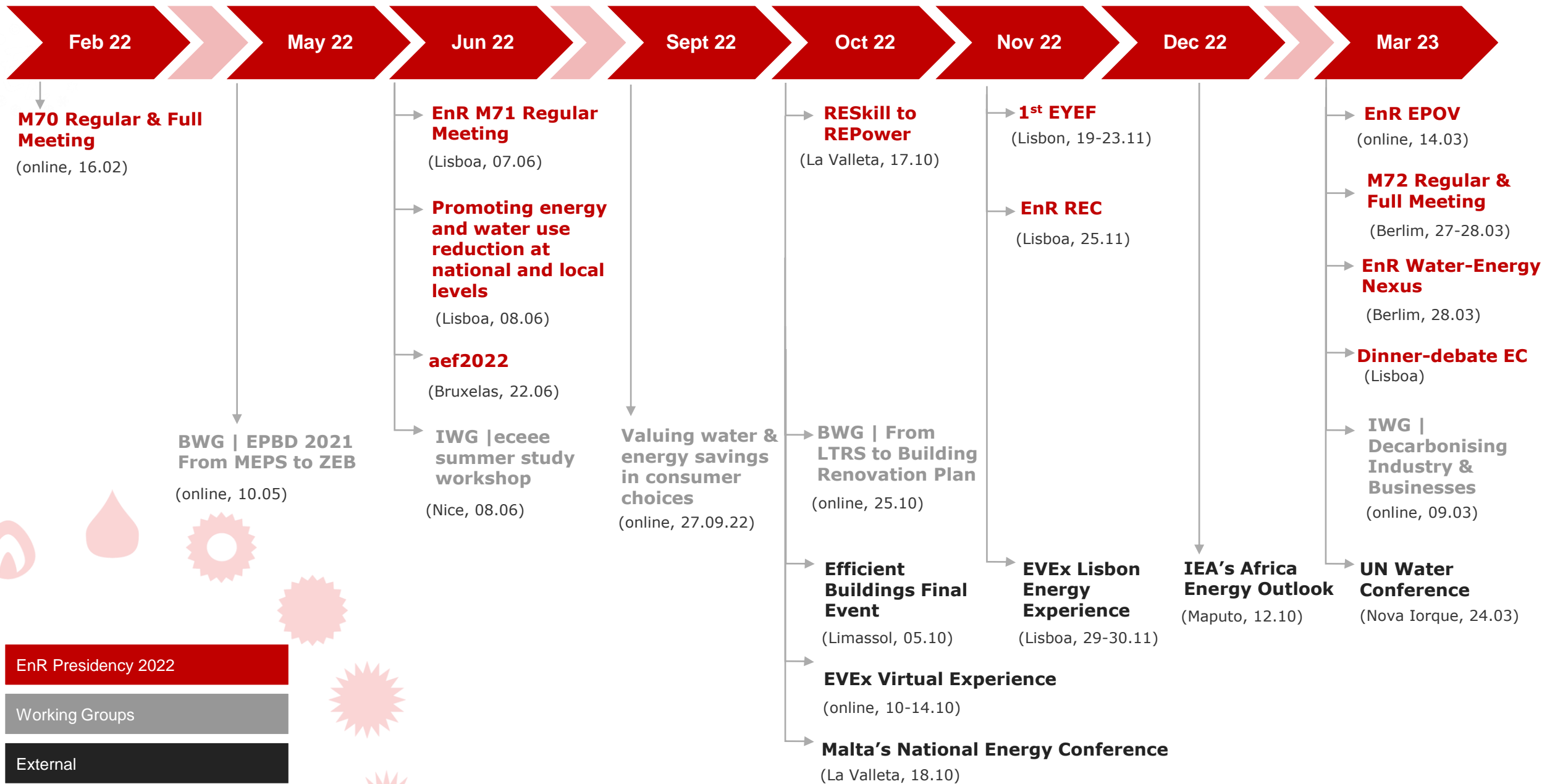
EYEF2022 (Lisbon, November 2022)



EnR RECs (Lisbon, November 2022)



IEA Africa Energy Outlook (Maputo, December 2022)





# africa energy forum 2022



**Goal** | High-level EU-Africa policy-makers roundtable on energy transition

**Date** | 22 June

**Place** | Brussels

**Participants**

- **Frans Timmermans**, Executive Vice-President of the European Commission
- **Francesco La Camera**, Director-General of IRENA
- Ministers or high-level government officials from **13 African countries**
  - Djibouti, Egypt, Equatorial Guinea, Guinea, Lesotho, Mauritania, Democratic Republic of the Congo, São Tomé & Príncipe, Senegal, Somalia, South Africa, The Gambia, Uganda
- NGOs
- Financing institutions



→ **EU Commission circulated internally a memo with the results of the meeting**



# 1<sup>ST</sup> European Youth Energy Forum (EYEF)



**Goal** | Place youth at the center of the European energy transition

**Date** | 19 – 23 November

**Place** | Lisbon

**Participants** | 45 young energy professionals from EYEN

| **6 EnR representatives (AEA, EWA, SIEA, dena, RVO)**

- Panels with + 25 EnR and external experts
- Work sessions to finalize a position paper “The role of youth in the future of the European energy transition”
- Field trip to the largest floating solar power plant in a reservoir in Europe at Alqueva Dam
- Presentation at the Portuguese Parliament and to the Portuguese Presidency
- Signature of **MoU between EnR & EYEN**





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Sofia Cordeiro



EnR Secretariat 2022  
WG Support & Studies Coordination  
ADENE, Portugal



# Studies & Publications





# Studies and Publications | Overview

Highlight EnR energy agencies' potential as enabling agents for all thematic areas

## Renewable Energy Communities



#CleanEnergy

### RES Communities

- Successful business models
- Services provided by REC
- Grid obstacles and regulatory barriers

## Energy Poverty



#RenovationWave

### Energy Poverty & Renewables

- The role of renewables for an inclusive and fair transition
- Business models and financing issues
- Ownership models and common bottlenecks

## Water-Energy Nexus Financing



#CleanEnergy

### Water-Energy Nexus Financing

- Innovative financing models based on successful energy efficiency models
- Foster solution adoption by facilitating compliance with EU Taxonomy

## Green Jobs&Skills



#GreenSkills

### Green Jobs

- Training gaps in existing and future workforce
- Propose guidelines for new job profile creation
- Strengthen climate transition within the European Skills Agenda
- Build from experience on water-energy nexus profiles

## Cooperation



#Eu-AfricaStrategy

### Cooperation

- Directory of EnR members cooperation projects with African countries
- Promote existing and foster new partnerships

...



# 7 EnR Publications



## **Water-Energy Efficiency Labelling**

Valuing water & energy savings in consumer choices | 27 Sep 2022, Online (EUSEW Sustainable Energy Day)



## **Green Jobs&Skills**

ReSkill to RePower | 17 Oct 2022, in person, Malta (TGM)



## **Renewable Energy Communities**

Energy Agencies & REC, a new path for energy decentralization | 25 Nov 2022, in person, Lisbon



## **Energy Poverty & Renewable Energy Communities**

14 March 2023, Online, Roundtable discussion



## **Energy & Gas Saving Plans 2022-2023**

Directory of EnR country initiatives to reduce energy consumption and dependency from Russian oil&gas



## **Smart Finance for the Water & Energy Nexus**

March 28, 2023, in person, @ M72 Meeting, Berlin



## **EnR International Cooperation Directory**

North and Sub-Saharan Africa, Indo-Pacific, Latin America, Middle East, Other regions

# Key findings

## Renewable Energy Communities (REC)

- **Non existent or nuclear legislation**, complex licensing and grid access barriers.
- Improvement opportunities: **Process simplification**, technical support and financial incentives.
- Energy agencies can be key enablers of financing and technical support, particularly to **cities and regions**.

## Energy Poverty and REC

- Despite not always having a definition or specific plans for energy poverty alleviation, **most countries implement measures** to combat it, namely in the NECP.
- Main barriers remain in the **identification of energy poor households** and to match the appropriate financial instrument, as well as **inability to meet initial costs**.
- **Building renovation, Energy efficiency and REC** are the main mitigation measures, and energy agencies can act to help target initiatives to increase impact on energy poverty households.

## Smart Financing for the Water&Energy Nexus

- Water efficiency is very relevant for energy efficiency.
- **Financing mechanisms** are critical to implement effective water-energy efficiency solutions.
- Innovative financing instruments present **opportunities**, as combined investments are still not always explored.

## Green Jobs & Skills

- **Lack of skilled workers** is a major barrier to achieve decarbonization targets.
- Energy agencies are at the center of the energy transition, but largely **absent from the debate** about the “green” labour market.
- Energy agencies can support **public policy**, anticipating market needs, developing instruments to attract talent and promoting cross sectorial knowledge.

## Cooperation Directory

- Energy agencies are important vehicles for **cooperation and international collaboration** in several geographies.
- EnR members mainly develop capacity Building initiatives in **Africa**.
- The Directory enables **synergy exploration** between EnR agencies to develop new partnerships.

Energy agencies have to go **beyond the traditional** scope of action:

- ▶ **resource efficiency** (water efficiency, food systems, circular economy, consumption)
- ▶ education, **training** and the labour market
- ▶ **social** issues (impacts of the Energy transition for labour, energy poverty, etc)



Click  for more information on the reports.





# Other publications

Two additional publications were prepared, aligned with current developments in the energy sector:



## Energy & Gas Saving Plans 2022-2023

Following the publication of the “Save Gas for a Safe Winter” regulation, to facilitate **information sharing between EnR members**, the Portuguese Presidency created a directory with the available information on plans and energy saving measures under analysis or implementation in the several network countries. The report was shared with EnR members in August 2022 and published in a final version in March 2023.



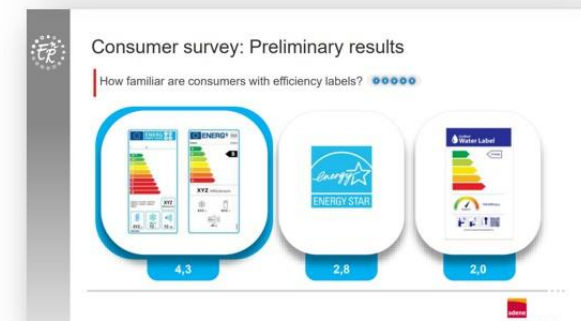
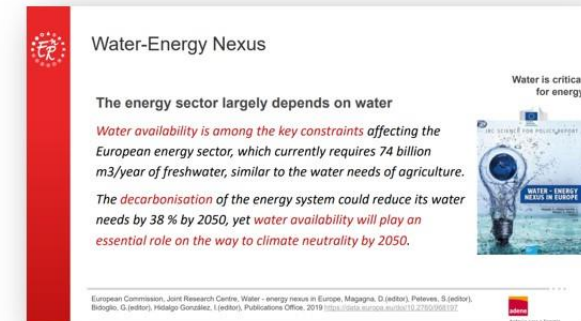
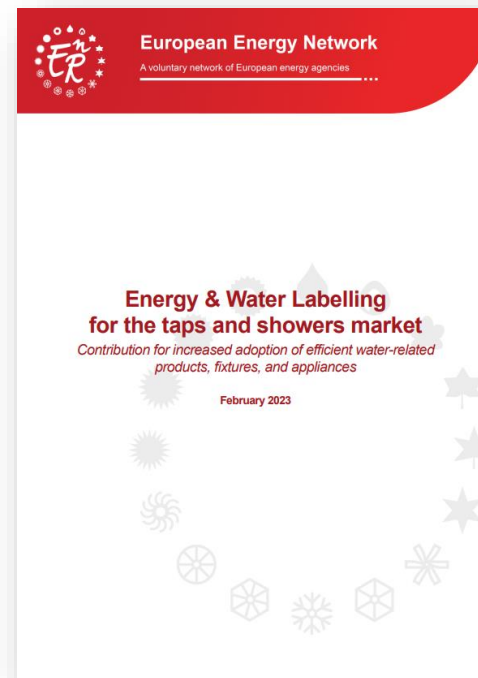
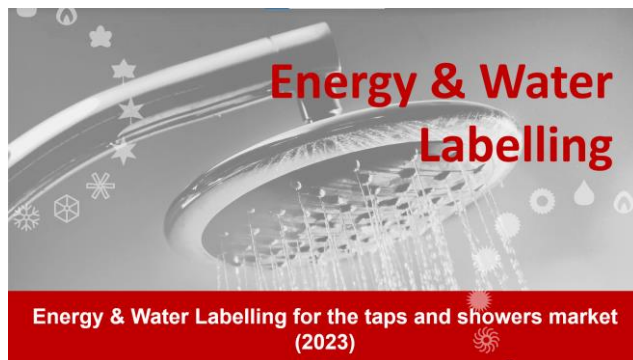
## Water & Energy Efficiency Labelling

In the scope of the Water-Energy Nexus task force, a survey was launched **on consumers' perceptions and attitudes regarding taps & showers labelling** (but also covering water-using appliances such as washing machines and dish washers). The survey analysis will be shared with the European Commission and other relevant stakeholders, at a moment when the discussion regarding the **mandatory vs. voluntary labeling schemes** for water-efficiency and combined water-energy efficiency is becoming more intense.

Click on the images to obtain more information on the reports



# Water-Energy Labelling

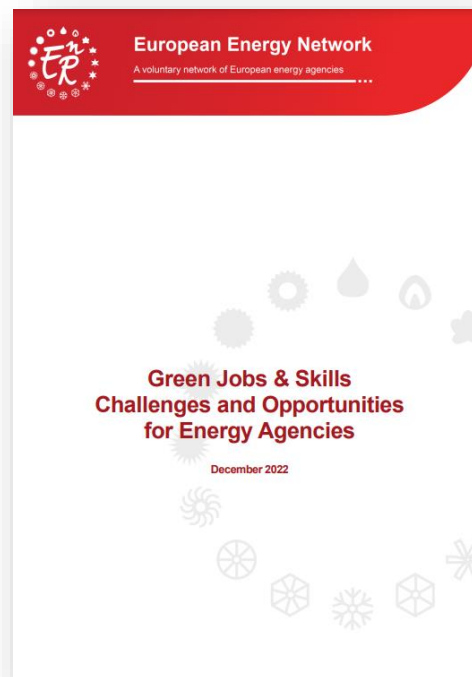


Publication | <https://enr-network.org/energy-water-labelling-for-the-taps-and-showers-market-contribution-for-increased-adoption-of-efficient-water-use-products-fixtures-and-appliances/>

Event | <https://enr-network.org/2022/09/online-workshop-valuing-water-energy-savings-in-consumer-choices/>



# Green Jobs & Skills

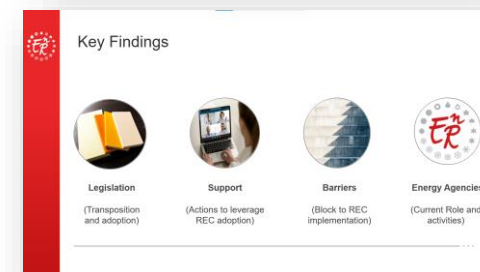
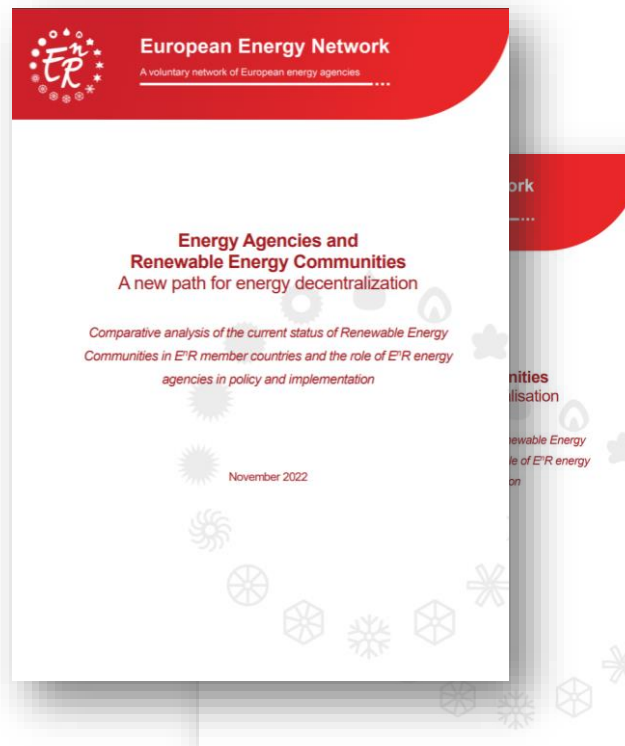


Publication | <https://enr-network.org/publications/green-jobs-skills-challenges-and-opportunities-for-energy-agencies/>

Event | <https://enr-network.org/2022/10/reskill-to-repower/> (vídeo: <https://enr-network.org/thinking-group-meeting-2022/>)



# Renewable Energy Communities



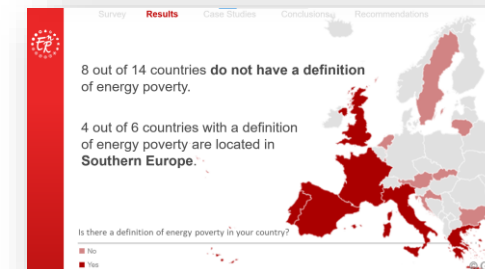
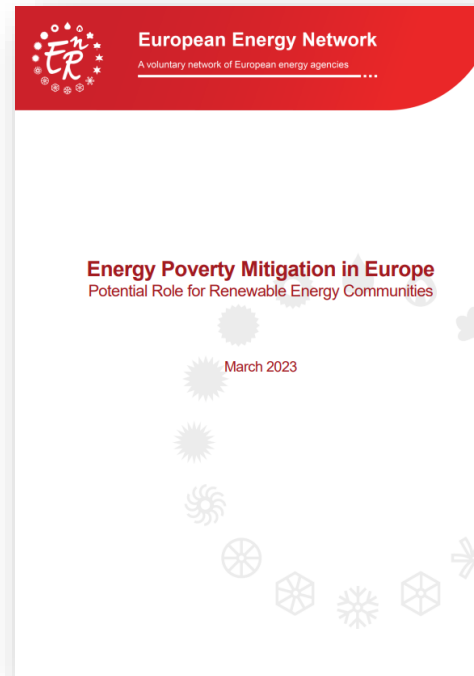
Publication | <https://enr-network.org/publications/energy-agencies-and-renewable-energy-communities-a-new-path-for-energy-decentralisation/>

Event | <https://enr-network.org/2022/11/energy-agencies-and-renewable-energy-communities-a-new-path-for-energy-decentralization/>





# Energy Poverty Mitigation & Renewable Energy Communities

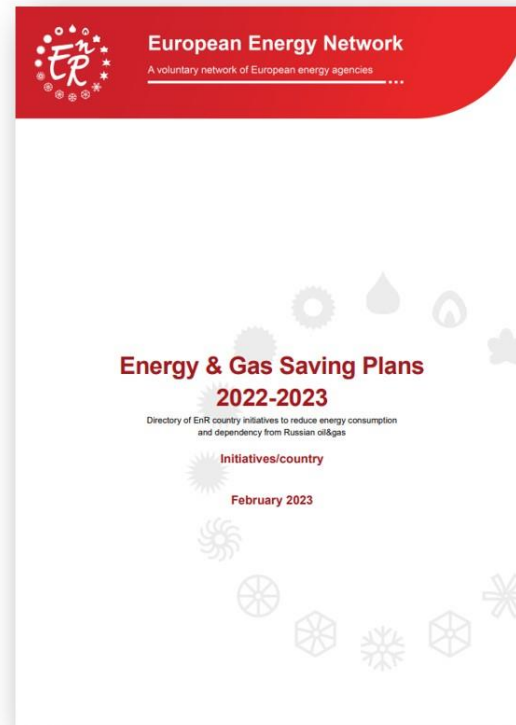


Publication | <https://enr-network.org/energy-poverty-mitigation-in-europe-potential-role-for-renewable-energy-communities/>

Event | <https://enr-network.org/2023/02/energy-poverty-mitigation-in-europe-potential-role-for-renewable-energy-communities/>



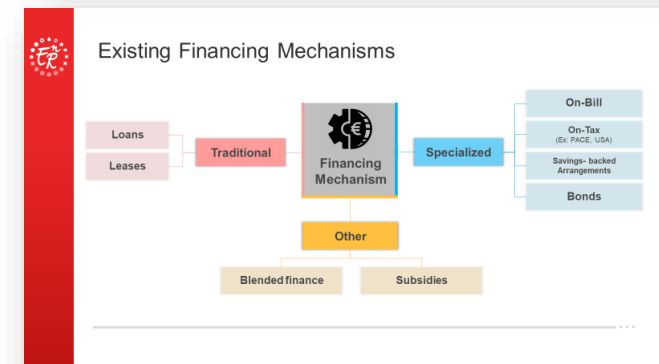
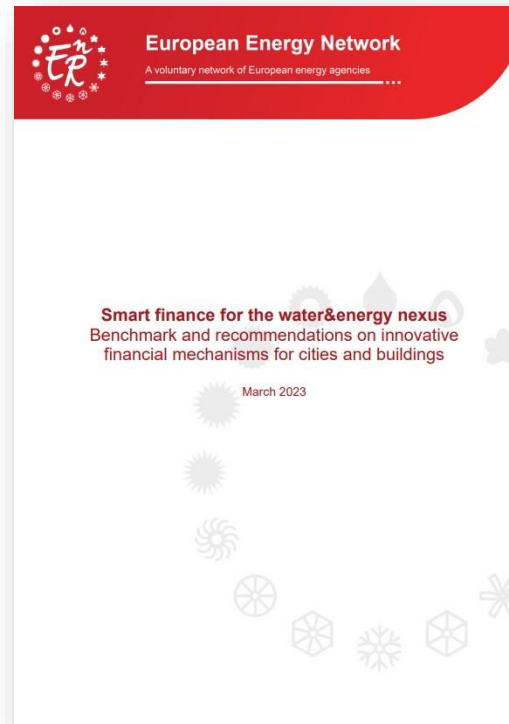
# Energy Saving Measures



Publication | <https://enr-network.org/energy-and-gas-saving-plans-2022-2023/>



# Smart Finance for the Water & Energy Nexus



Publication | <https://enr-network.org/smart-finance-for-the-water-energy-nexus>

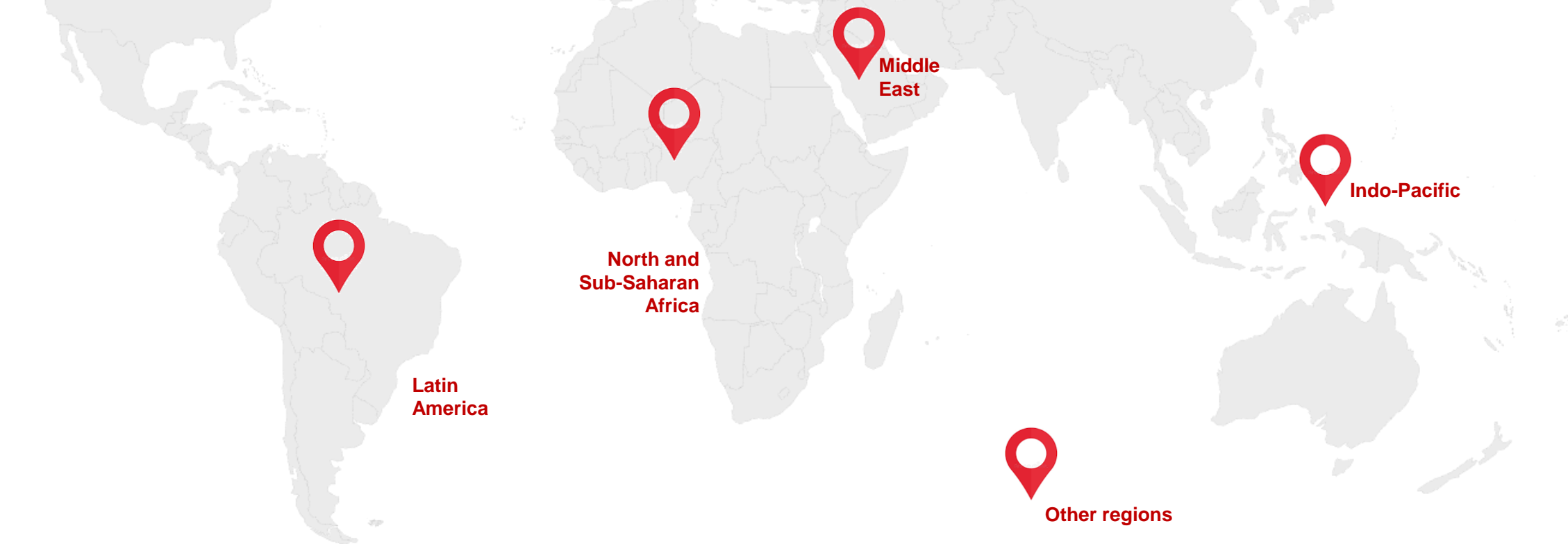


# EnR International Cooperation Directory

**What is it ?** Directory with past and present international **energy cooperation initiatives** developed by, or in partnership with, national energy agencies of the EnR network.

**Aim | Information sharing** and identification of **potential synergies**

**Types of Initiatives |** Technical assistance - Awareness raising - Funding





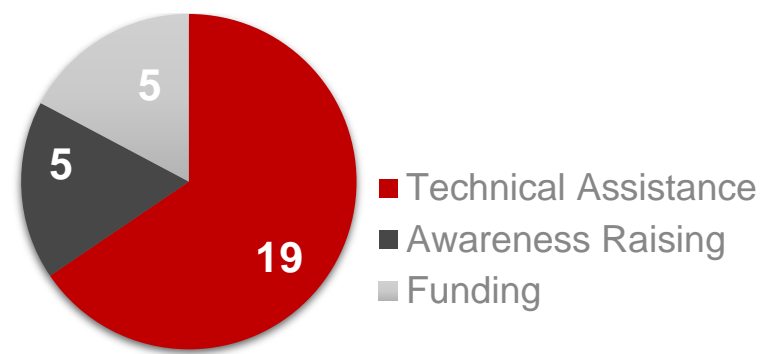
# 31 initiatives from 11 agencies





# North and Sub-Saharan Africa

20 Initiatives



- Technical Assistance | Training of Solar Thermal Systems Designers (ADENE – Cape Verde)**  
ADENE developed **training courses** on **solar water heating** for The Centre for Renewable Energy and Industrial Maintenance
- Awareness Raising | meetMED (ADENE, ADEME, ENEA, CRES - Algeria, Egypt, Jordan Lebanon, Libya, Morocco, Palestine, Tunisia)**  
Ongoing EU project aiming to strengthen the implementation of EE measures **on building and appliances’** sectors, at local and regional levels.
- Funding | Efficiency for Access Research & Development Fund (EST – Region)**  
Funding for innovative, solar-powered **appliance technology** projects that will help to level the playing field whilst addressing the climate emergency.





# Cooperation Directory



Publication | <https://enr-network.org/cooperation-directory>



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A voluntary network of European energy agencies

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## Filipa Newton



EnR Water-Energy Nexus Task Force Chair  
Coordinator of Sustainable Innovation  
ADENE, Portugal



# Green Jobs&Skills Study

## Challenges and Opportunities for Energy Agencies

**Filipa Newton** | EnR Chair of the Water-Energy Nexus Task Force, Head of Sustainable Innovation, ADENE, PT

**Hélder Rodrigues** | Team Leader, EnR Green Jobs&Skills Study , Head of Mobility, ADENE, PT



# Green Jobs&Skills Study Team

## Steering Committee and Surveys

ADENE  
CRES  
ADEME  
RVO  
dena  
EWA

## Surveys

SEDA  
IDAE  
MOTIVA  
AEA  
SIEA  
BFE  
EST





# Green Jobs&Skills Study and Report Team

## Rapporteurs:

Hélder Rodrigues<sup>1</sup>, Mariana Simões<sup>1</sup>, Vanessa Faia<sup>1</sup>, Bruna Morais<sup>1</sup>, Sofia Cordeiro<sup>1</sup>,  
Filipa Newton<sup>1</sup>

<sup>1</sup>ADENE – Portuguese Energy Agency

To cite this report: Rodrigues H., Simões M., Faia V., Morais B., Cordeiro S., Newton F. (2022)  
*Green Jobs & Skills Challenges and Opportunities for Energy Agencies*, European Energy Network





# Green and Digital Transition

## Upkilling and reskilling challenges and opportunities



The **European Skills Agenda** is anchored in the European Green Deal, new Digital Strategy, new Industrial and SME Strategies



**Green and Digital transition** must be socially just and anchored in new professional skills



**Skills** are at the heart of EU policy agendas for a sustainable recovery (Covid-19; RePower EU)



We need to **ReSkill to RePower**

### 2023 European Year of Skills





# Green Transition

## Upskilling and reskilling challenges and opportunities

**Action 6** of the new European Skills Agenda – a set of measures to be fostered by the EC:



- A **taxonomy of skills for a green transition**, allowing statistical monitoring



- A set of indicators to **monitor the evolution** of green skills, with the Member States
  - The **European competence framework** in education for environmental change, environmental issues, clean energy transition and sustainable development



- Support for the development of a **set of green skills** essential for the labor market
  - Support for the **integration of environmental and training aspects** into education and VET



# Green Jobs&Skills: challenges and opportunities

## Energy Agencies Role'

- European Energy Agencies:

- 🔥 Shall participate in this process (*European Skills Agenda Action 6 developments*), assuring coherence of green skills with public policies and market instruments
- ☀️ This alignment is key to fully address the challenges and seize the opportunities within the energy transition and climate adaptation, including the water-energy nexus
- 💧 Several projects developed by European Energy Agencies focus on new and needed skills for energy and water-energy nexus → important contributors to this alignment



# Green Jobs&Skills: challenges and opportunities

## Scope definition

4 Sectors comprised in the study → the majority for the current green value added



Electricity, gas, steam and air conditioning supply



Construction



Water supply; sewerage, waste management and remediation activities



Transportation and storage

# Challenges and opportunities





# Survey Analysis

Opportunities and solutions for green job and green skill training/upskilling stimulus

Some **specific opportunities** are put forward by the agencies:



- Develop and implement **training** of identified green job profiles or skills



- **Monitor** public policies and stakeholder initiatives, and provide **input** for improvement



- Create and operate **assessment frameworks** that stimulate job greening



- Nudge existing networks or create new ones, to **support** necessary activities on the topic





# Survey Analysis

Main conclusions from Agencies view and action

- ❁ Energy transition and decarbonization not causing job destruction, but a shift on the skills needed  
→ social challenges and threats to climate change mitigation goals
- 💧 Most Agencies not consistently active on green jobs & skills but acknowledge its importance for their mission
- ★ Successful examples of action on this topic are a learning opportunity for others and possible future actions on the scope of EnR network, towards coherent, just and effective energy transition



# Survey Analysis

Main conclusions from Agencies view and action

- ❁ Acceleration of energy transition targets across Europe creates **pressure on the job market**
- 🔥 **Workforce shortages and skills' gap are hindering Agencies** ability to meet targets and policies

The opportunities are huge:

- ⚙️ According to the ILO, **green jobs** help:
  - Improve energy and raw materials efficiency (including water efficiency)
  - Limit greenhouse gas emissions
  - Support adaptation to the effects of climate change



**Directly linked  
with energy  
agencies  
mission**

# Thinking Group Meeting

## EnR Agencies' role



**Antonio Buhagiar**, JobsPlus, Malta | Intercept Project (online)

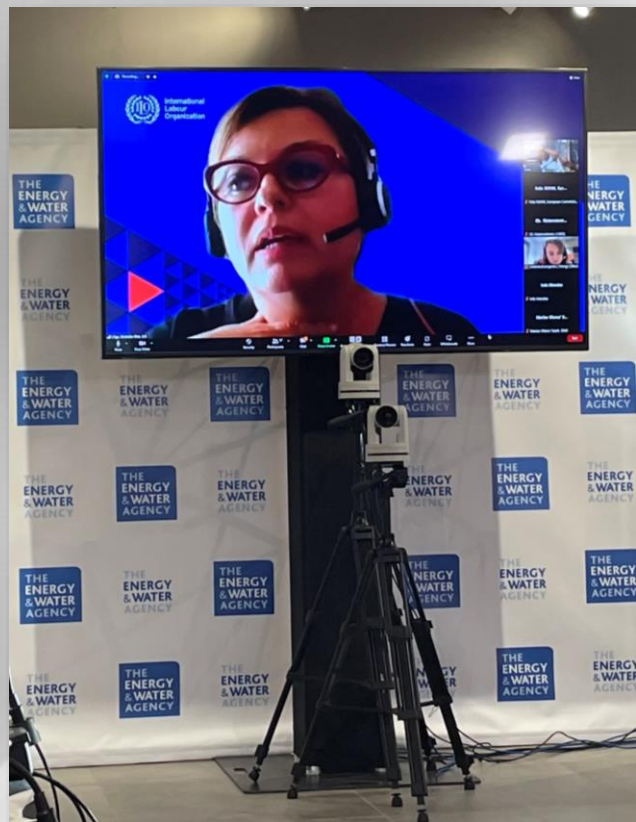
**Charalampos Malamatenios**, CRES, Greece | BUILD UP Skills UPSWING (online)

**Rebecca van Leeuwen**, RVO, Netherlands | Groenpact

**Barbara Schäfli**, BFE, Switzerland | Joint campaign with building sector (online)

# Stakeholder discussion @TGM

## ReSkill to RePower



**Felix Rohn, DG-EMPL | European Commission** *(online)*

**Olga Strietska-Ilina | International Labour Organization** *(online)*

**Philippe Masset | ADEME, France**

**Mélanie Bourgeois | Energy Cities** *(online)*



# Recommendations and work to follow

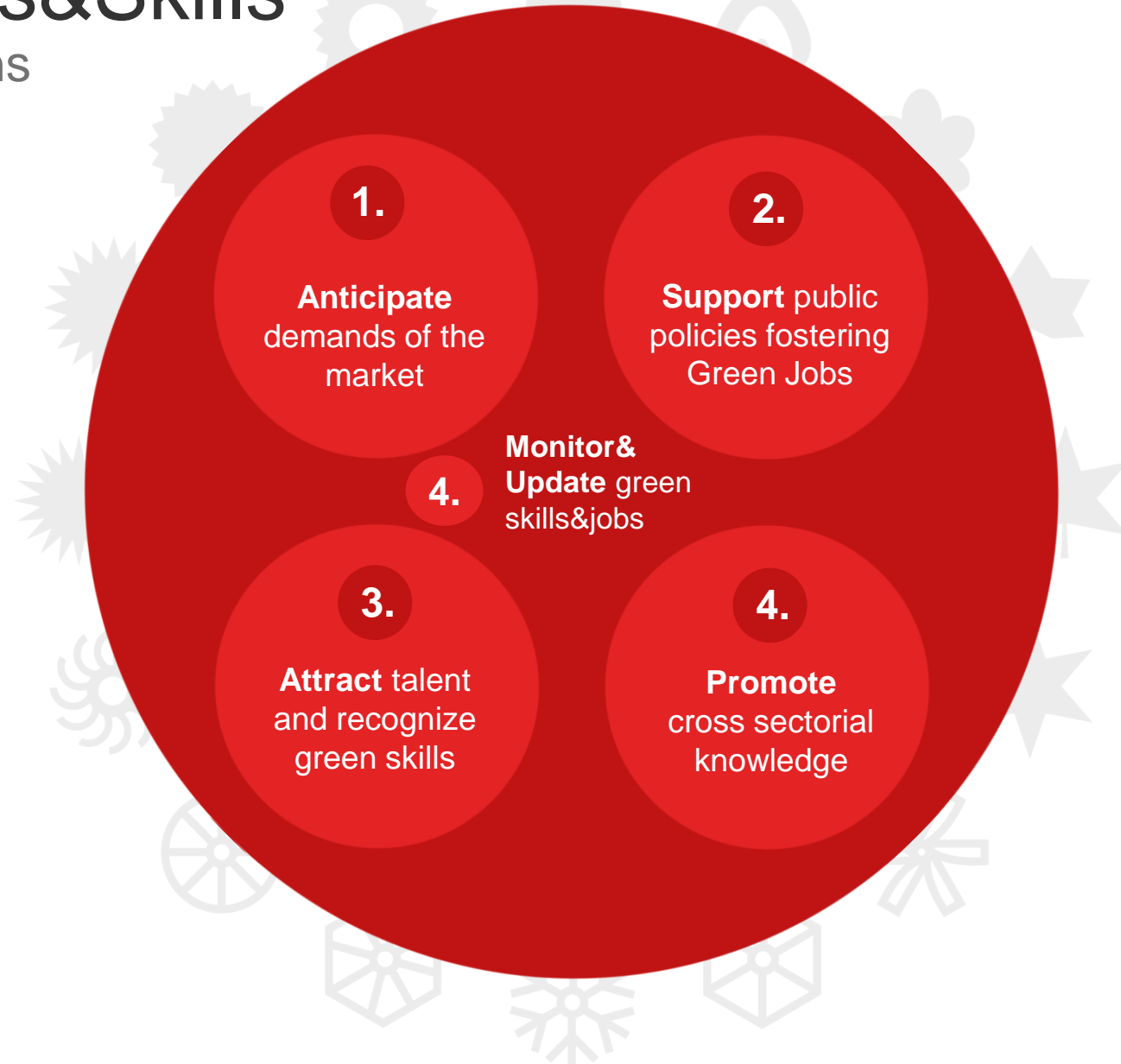






# Green Jobs&Skills

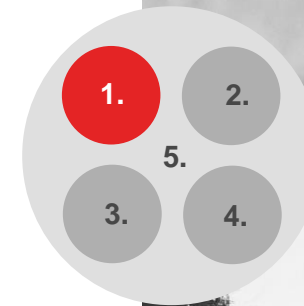
## Recommendations





# Green Jobs&Skills

## Recommendations



### **1. Anticipate demands of the market**

**1.1** Promote campaigns to raise awareness for continuous updating of skills and on-the-job training



**1.2** Carry out surveys to identify challenges and needs

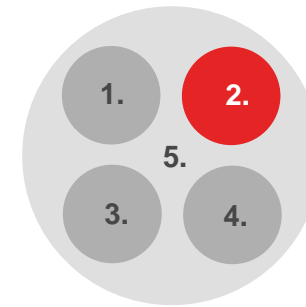
**1.3** Facilitate local and regional networks





# Green Jobs&Skills

## Recommendations



### **2. Develop public policies fostering Green Jobs**

2.1 Stimulate public procurement rules that consider environmental, social and justice criteria



**2.2 Propose public policies and legislative packages for climate action targets, integrating well-designed training programs to meet them**



**2.3 Cooperate with training agencies for the creation of new green job profiles**

2.4 Collaborate with social partners to ensure reskilling towards green jobs for workers affected by job destruction and inactive workforce



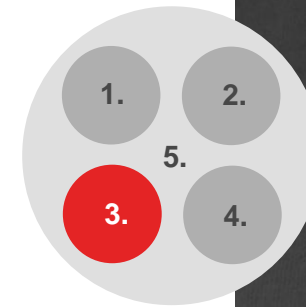
**2.5 Be involved in the design of financing mechanisms to promote training, reskilling and upskilling of the workforce**





# Green Jobs&Skills

## Recommendations



### **3. Attract talent and recognize green skills**



#### **3.1 Skills&competences certification for new professions and roles according to EQF**

3.2 Fiscal and social security policies to support companies that invest in a greener workforce



#### **3.3 Encourage job offering platforms to label green jobs or green areas/sector**

3.4 Set guidelines and good practices to help companies improve talent retention

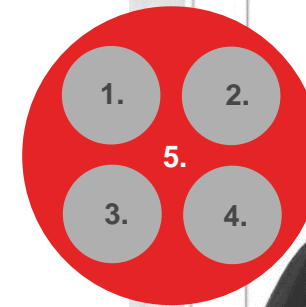






# Green Jobs&Skills

## Recommendations



### **4. Promote cross sectorial knowledge**



**4.1 Governance: define each stakeholders' role and actions of regarding green jobs**



**4.2 Promote stakeholder regular meetings to discuss green jobs challenges and opportunities**

4.3 Promote cross sectorial networks, connecting the market initial education and life-long learning



**4.4 Develop or widen scope of observatories on market needs, green jobs&skills requirements and training**







# Green Jobs&Skills

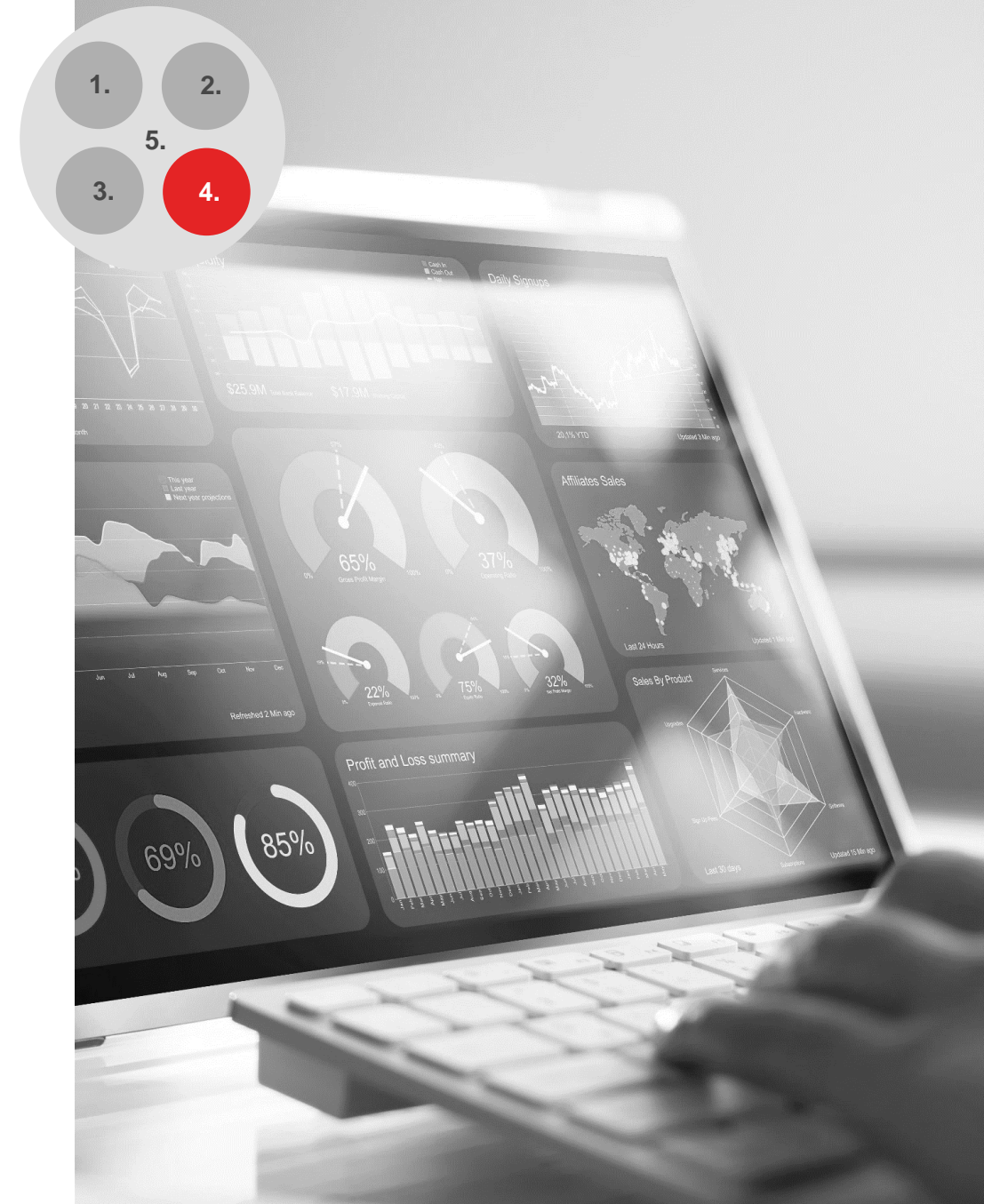
## Recommendations

### **5. Monitor and Update** green skills&jobs

 **5.1 Setting a common assessment framework (defining common KPIs) aligned with EU targets**

 **5.2 Monitor evolving tendencies of economic sectors to calibrate profiles and green skills**

 **5.3 Monitor the development of relevant professions**





# Green Jobs&Skills: challenges and opportunities

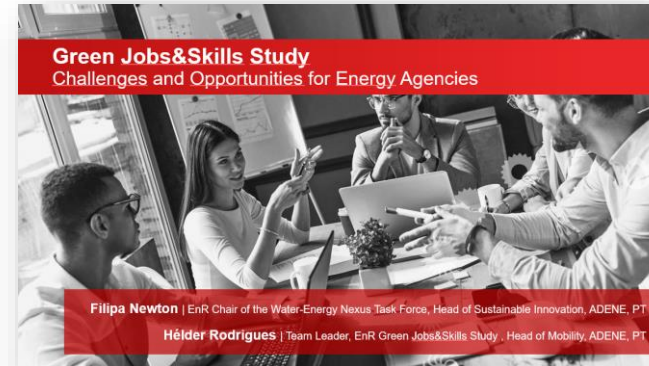
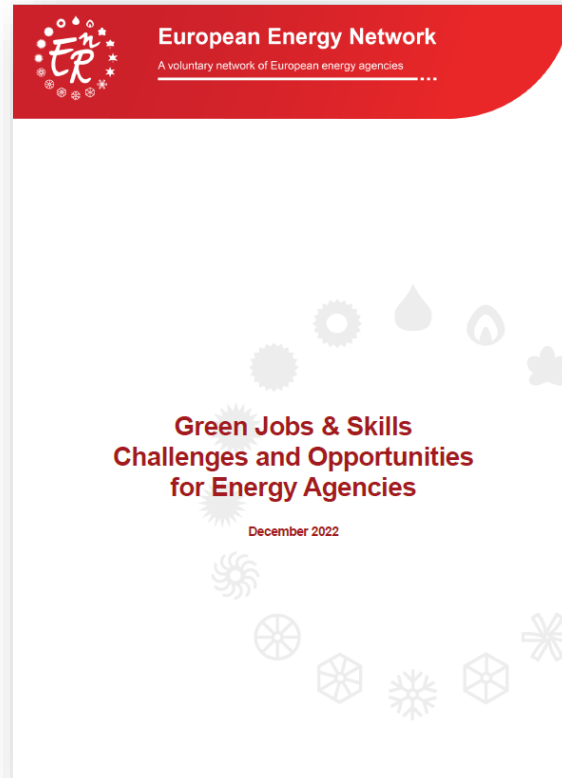
## Key stakeholders to engage

- European Commission
- European Energy Agencies
- European National Agencies for education
- The European Centre for the Development of Vocational Training (Cedefop)
- Vocational training and professional qualifications in EU Member States,
- National and Local Authorities
- Building and construction sector, trade union and employer associations
- Pan-european organizations on EU public policies.





# Green Jobs&Skills Study: Challenges and Opportunities for Energy Agencies



Publication | <https://enr-network.org/publications/green-jobs-skills-challenges-and-opportunities-for-energy-agencies/>

TGM | <https://enr-network.org/2022/10/reskill-to-repower/>





# Thank you for your attention

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➤ EnR Presidency 2022

[enr.presidency@adene.pt](mailto:enr.presidency@adene.pt)





# European Energy Network

A voluntary network of European energy agencies

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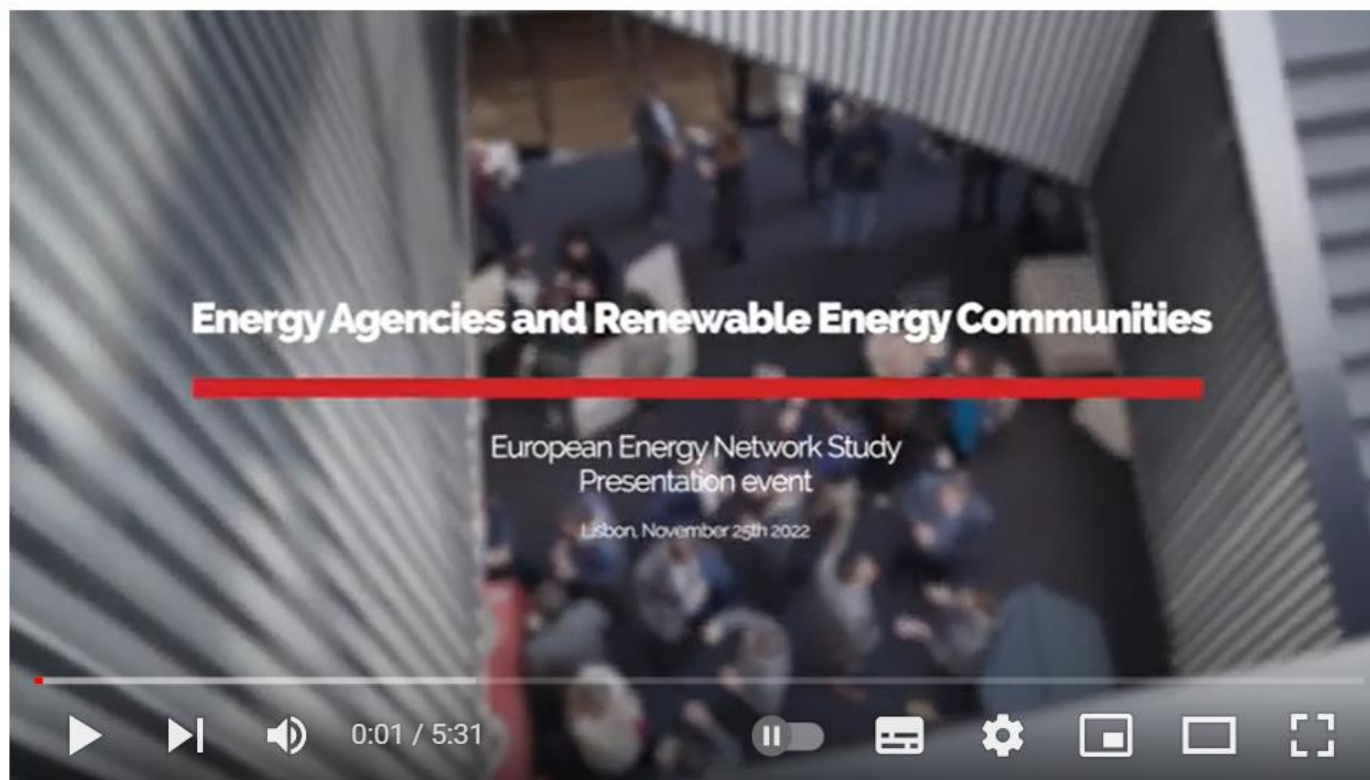
## Manuel Casquiço



Head of Industry and Energy Transition  
ADENE, Portugal



<https://www.youtube.com/watch?v=oxmEPzuWOeM&t=1s>



## Energy Agencies and Renewable Energy Communities - Best of



EnR - Europ...  
8 subscritores



Subscrito ▾



0



Partilhar





# **Energy Agencies & Renewable Energy Communities**

A new path for energy decentralization



# Renewable Energy Communities



Steering Committee: ADENE, RVO, AEA, dena, EST, CRES, ADEME



AUSTRIAN ENERGY AGENCY



Agência para a Energia



KAPE  
CRES



German Energy Agency



Surveys: AEA, SEDA, MOTIVA, ADEME, CRES, ENEA, Klima-Agence, RVO, ADENE, SIEA, IDAE, SEA, EST



ITALIAN NATIONAL AGENCY FOR NEW TECHNOLOGIES,  
ENERGY AND SUSTAINABLE ECONOMIC DEVELOPMENT



SLOVAK INNOVATION  
AND ENERGY AGENCY







# Renewable Energy Communities

## Objectives of the study

- Characterize the state of the art in legislative frameworks and implementation in Europe, with identification of the existing barriers;
- Benchmark solutions to increase investment and dissemination of REC;
- Characterize current grid obstacles and propose solutions to leverage the implementation of REC;
- Analyse good practices of REC and possible replication opportunities;
- Evaluate the role of energy agencies in REC implementation.

# Key Findings

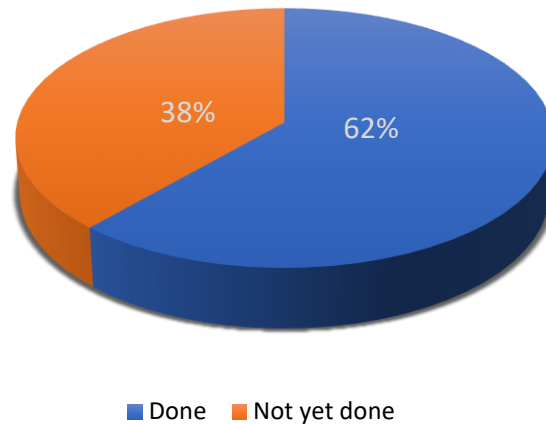




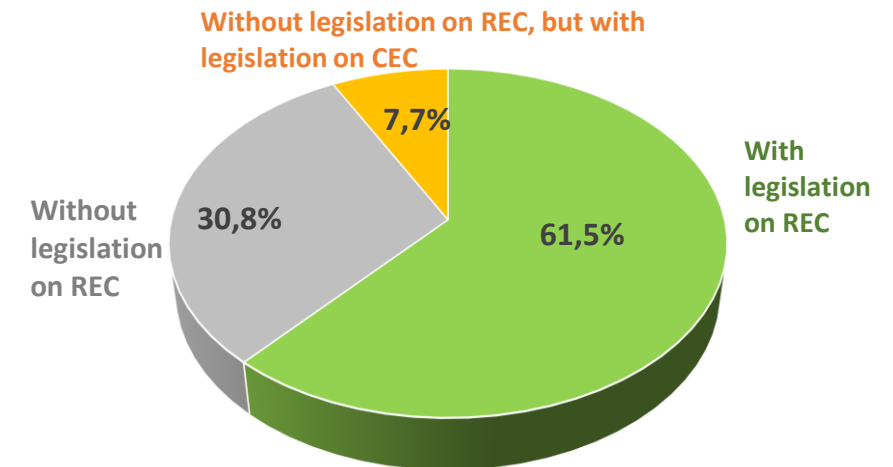
# Renewable Energy Communities

## Findings about Legislative Framework

Status of RED 2018/2001 transposition



Status of countries with specific legislation on REC



Most countries already have transposed RED 2018/2001

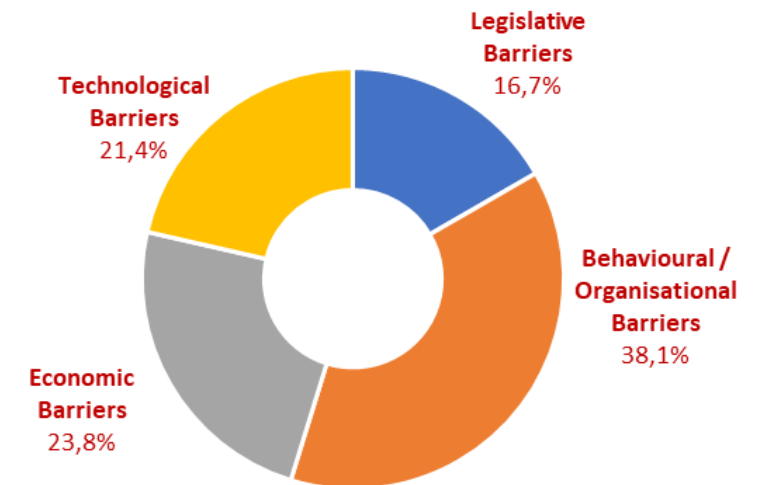


# Renewable Energy Communities

## Barriers to REC implementation

- **Several types of barriers to REC implementation were identified.** Most of them are common to several countries and not all related to the existing legislation.
- These barriers may be grouped into **4 categories**:
  - Legislative Barriers
  - Behavioural / Organisational Barriers
  - Economic Barriers
  - Technological Barriers

Share of each obstacles category







# Renewable Energy Communities

## Legislative Barriers

- 1. REC legislation still not clear.**
2. Bureaucratic and time-consuming licensing process.
3. Type of services to be offered by a REC.



# Renewable Energy Communities

## Organisational Barriers

- 1. Complexity and understanding of REC concept – How to start?**
  2. Finding the adequate energy community.
  3. Information on network area of REC location.
  4. Inexistence of a one-stop-shop approach for administrative tasks.
  5. Lack of statutes or typical articles of association in a REC creation.
  - 6. Lack of awareness and capacity building / Information dissemination.**
  - 7. Grid connection barrier – Lengthy processes.**
  8. Grid connection barrier – REC not possible in all distribution networks.
-



# Renewable Energy Communities

## Economic Barriers

- 1. Lack of competitive and transparent energy tariffs.**
2. High cost of storage.
3. Poor knowledge of financial benefits associated to REC.
4. Penalization on market premium (subsidy) to electricity generated by REC.
- 5. Grid access costs / Lack of transparency.**
- 6. Financing obstacles when self-consumption schemes/REC are implemented.**
7. DSO investments not aligned to REC implementation investments.



# Renewable Energy Communities

## Technological Barriers

1. Equipment supply and installers availability.
2. Communication material availability.
3. Need of adaptation of IT processes on the DSO side.
4. Putting into operation of smart meters.
- 5. Grid low capacity / Congestion of grids.**





# Renewable Energy Communities

Current role of the E<sup>n</sup>R Energy Agencies in REC's policy and implementation

- Awareness campaigns
- Information materials
- Template creation
- Tenders and contracts
- Technical support
- Financing Schemes



**Dissemination and  
Communication**

**Only 9 E<sup>n</sup>R Agencies develop activities related to REC and at different levels**

# Recommendations for REC adoption





# Renewable Energy Communities

## Actionable recommendations for REC implementation

- A prompt intervention of Governments and legislative authorities for the removal of the grid connection barriers that are transversal to several countries.
- Set up enabling national frameworks that may provide capacity-building support to citizens that want to implement REC.
- Simplification and streamlining of procedures and requirements of legislation where possible.
- To set up adequate finance and technical information support.
- To ensure that vulnerable and energy poor citizens can participate in these REC.
- A more visible and proactive role of E<sup>n</sup>R Energy Agencies in the REC promotion.
- Removal/minimization of the identified barriers.



# Role of Energy Agencies







# Renewable Energy Communities

## Actions for Energy Agencies (1/2)

- More and better information dissemination and awareness-raising programmes.
- Training and qualification of stakeholders.
- Identification of good practices of REC projects.
- Cooperation with other entities (licensing authorities, DSOs, municipalities, etc.)
- Helping in the design of financial support schemes run by governments.





# Renewable Energy Communities

## Actions for Energy Agencies (2/2)

- Contributing for networking of stakeholders and existing REC projects. The creation of some small eco-systems of REC examples could function as a gateway to this networking assistance.
- Using the E<sup>n</sup>R Network as a privileged channel for access to information and to influence transnational policies, to support implementation and provide advice on REC.
- Contributing for the development in its own countries of a national strategy or program of specific support to REC implementation



# Conclusions





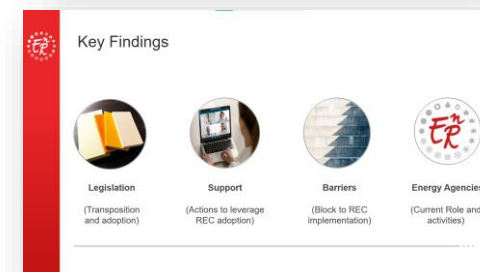
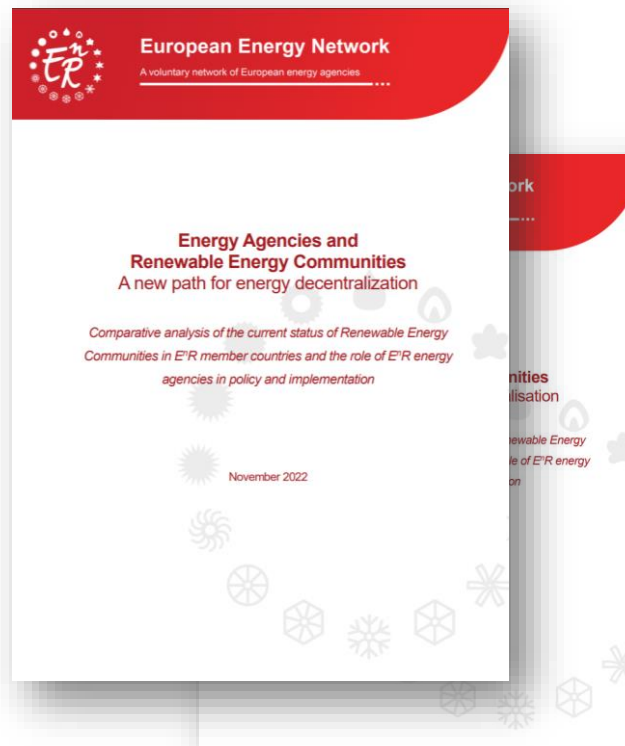
# Conclusions

- REC can bring a positive impact in energy production and contribute for the European objectives of renewable energy adoption and reduce dependency on fossil fuels;
  - Legislation adoption is still far from completion. There is a need for simplified procedures;
  - Approval of processes by national entities takes too long and makes difficult for investors;
  - Actual grids don't have capacity to absorb all the proposed projects;
  - Energy storage is still and expensive asset;
  - Need for general and technical support for investors and promoters;
  - Energy Agencies can play a role in dissemination, support and capacity.
-





# Renewable Energy Communities



Publication | <https://enr-network.org/publications/energy-agencies-and-renewable-energy-communities-a-new-path-for-energy-decentralisation/>

Event | <https://enr-network.org/2022/11/energy-agencies-and-renewable-energy-communities-a-new-path-for-energy-decentralization/>



# Thank you!



# WG new procedures





# New Procedures

**Working Group** procedures to be followed by **EnR Secretariat, EnR Troika and EnR WG Chairs:**

WG  
Creation

WG  
Management

WG  
Evaluation

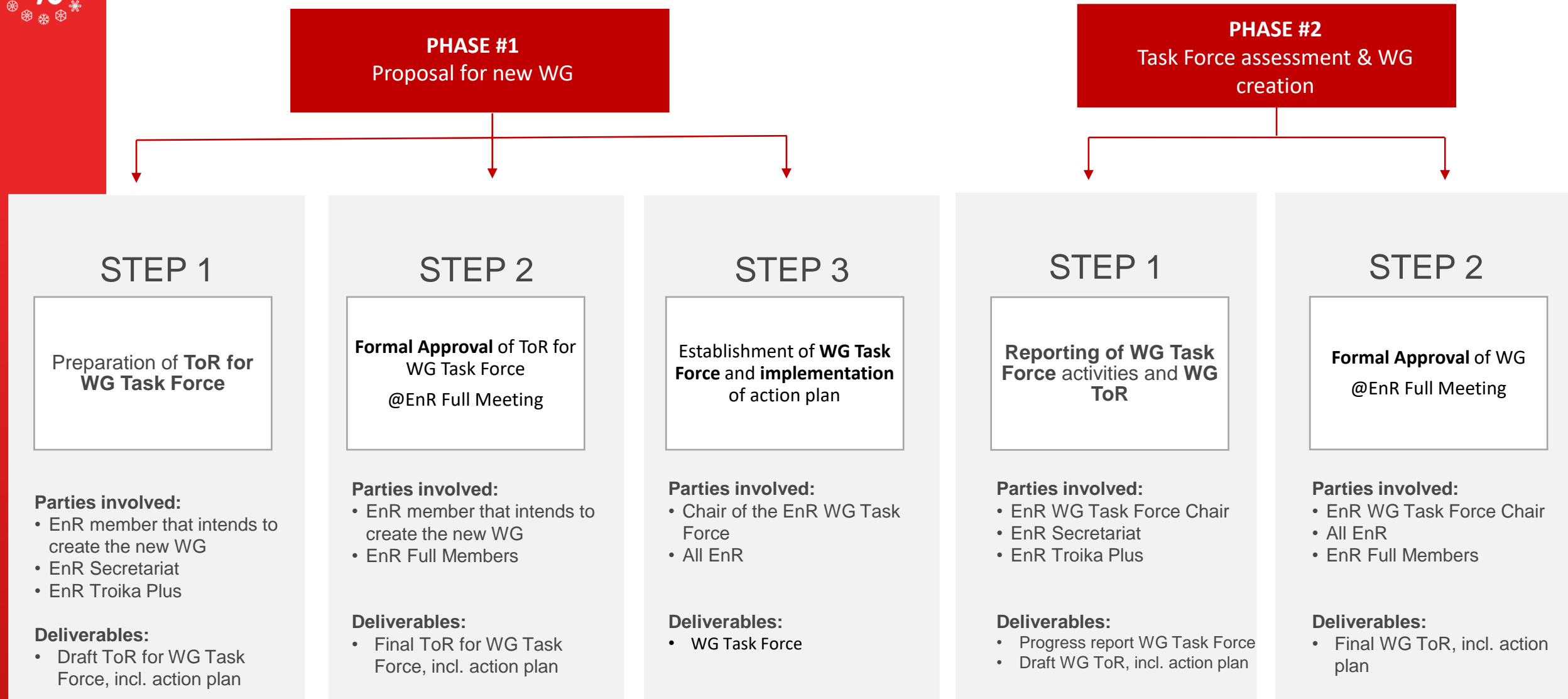
For **specific situations:**

Task Force on  
Common Interest  
Initiatives



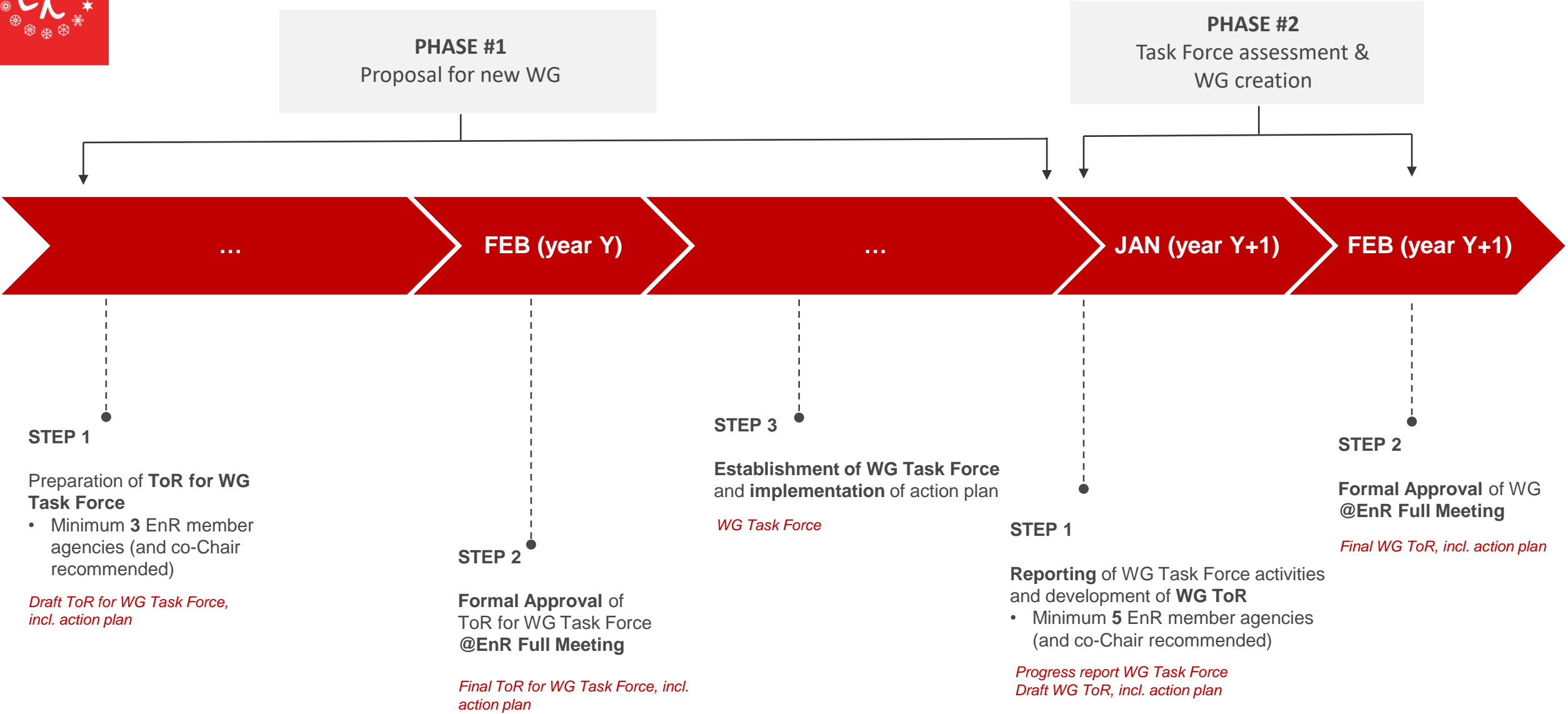


# WG new procedures | Creation of new WG





# WG new procedures | Creation of new WG





# Creation of new WG | ToR for EnR Working Group Task Force

The ToR for the **EnR Working Group Task Force** mainly needs to include:

- Identification of the **Chair** (and possible co-Chair) and the list of **starting members** (**at least 3** of the EnR members agencies)
- **Action plan** and timeline for the work of the EnR Working Group Task Force. **Recommended activities:**
  - publication/report
  - joint funding application to support WG activities
  - external event/webinar/roundtable, hybrid or online
  - **Working Group founding documents**
    - ToR for the WG, including the list of starting EnR members and optional external members (**at least 5** of the EnR members agencies)
    - Action plan for the WG for the 3 years following its formal approval (including identification of synergies with other WG)
- **Task Force Evaluation report**



# WG new procedures | **Management**

## Management

- Update yearly action plan (in January)
- Develop yearly execution report (in January)
- Develop mid-term execution report (in May)
- Develop full evaluation report, when applicable (in January)
- Update WG page in the EnR website
- Find new opportunities to support its activities (e.g., joint funding application)

## Meetings and events

- Organize a minimum of 2 meetings (one of the meetings can be an internal webinar)
- Organize and/or participate in a minimum of 1 external event/webinar

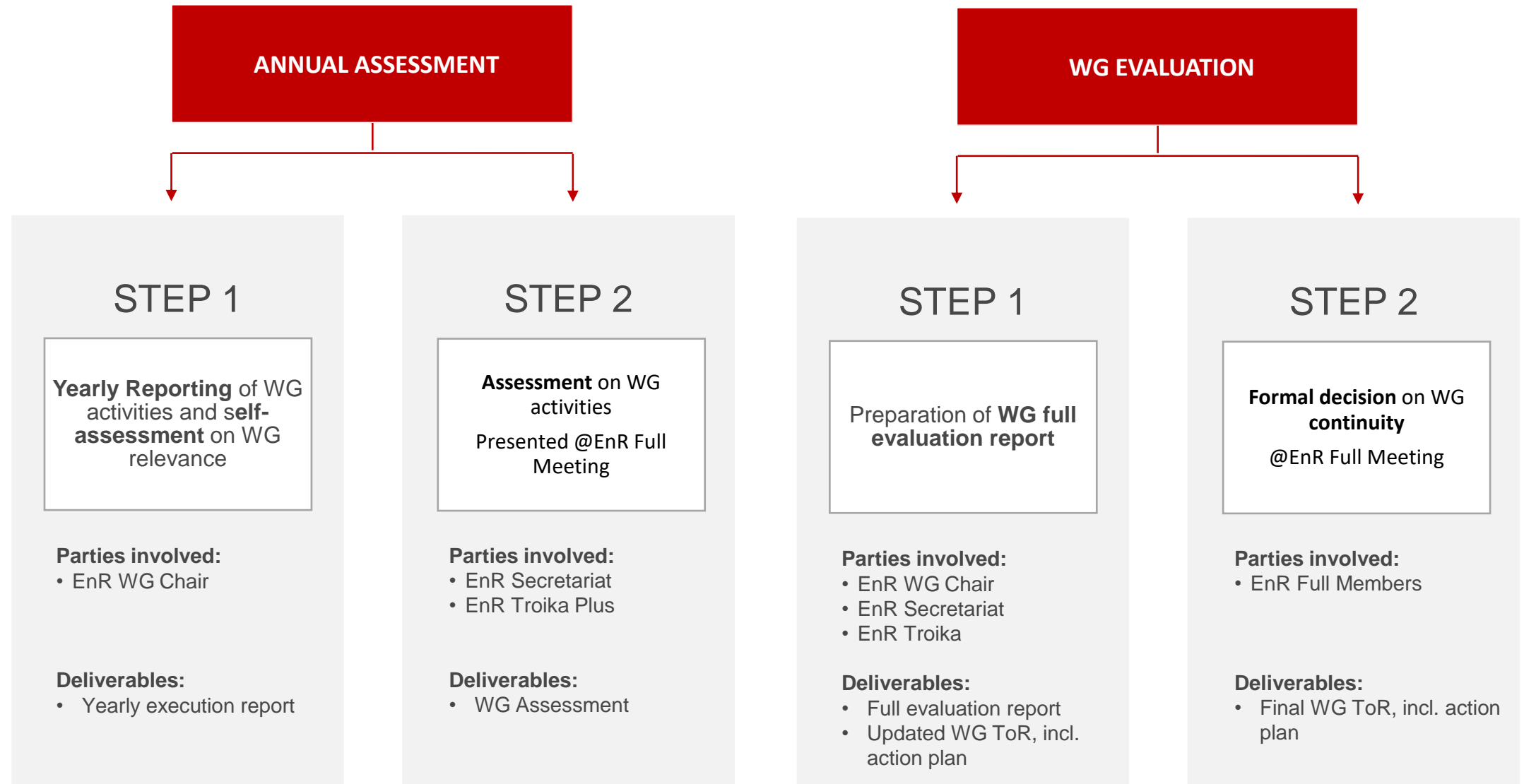
## Technical work

- Develop a publication/report (ex: internal/external survey and analysis report, policy brief, position paper, study...)



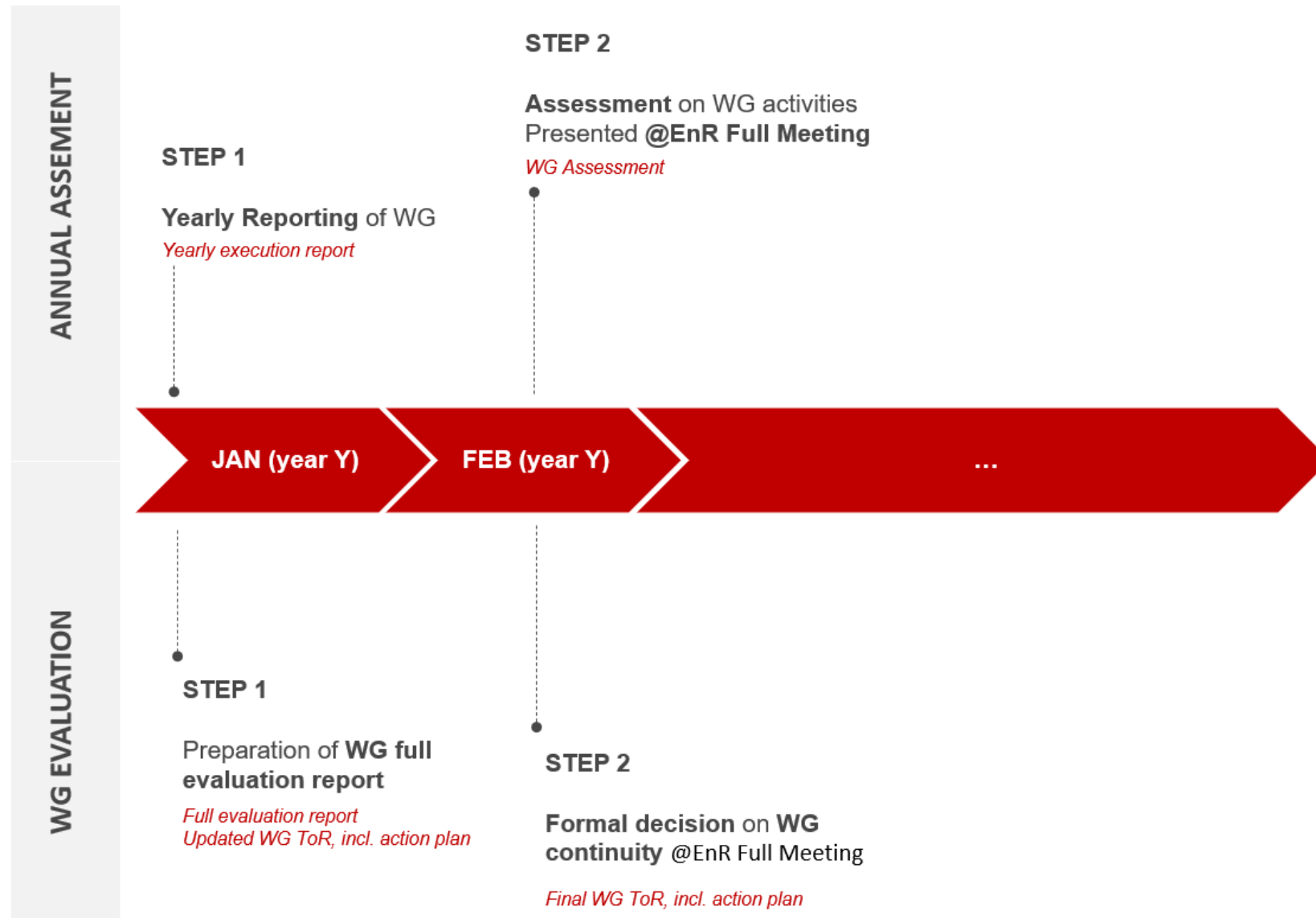


# WG new procedures | Evaluation





# WG new procedures | Evaluation





# WG new procedures | Evaluation

## ANNUAL ASSESSMENT

Related to the execution of the **WG recommended activities** and the self-assessment to be carried out by each WG Chair, this evaluation will be done based on the yearly execution report submitted by each WG Chair

ASSESSMENT	Description	Results
TOTAL COMPLIANCE	WG completed the recommended activities required and has high engagement of EnR members.	N.A.
FURTHER ASSESSMENT REQUIRED	WG carried out the recommended activities required but has low engagement of EnR members.	The <b>WG Chair</b> , in collaboration with the <b>EnR Secretariat</b> , should assess and take into consideration the motives for low engagement when preparing the activities for the next year, aiming to increase WG members' participation.
NON-COMPLIANCE	WG has not completed the recommended activities.	If a WG remains in “NON-COMPLIANCE” <b>two years in a row</b> , the continuation of the WG will be put up for discussion in the next EnR Full Meeting.



# WG new procedures | **Evaluation**

## **WG EVALUATION**

Evaluation occurs either ordinarily **every 3<sup>rd</sup> year** of their existence, according to the WG rotative evaluation calendar, or as a result of the annual reporting evaluation, on:

- WG Overview
- Strategic impact of the last 3 years
- WG self-assessment and plans for future improvement
- Updated ToR and action plan for the next 3 years

**Recommendations will be given** by the EnR Full Members regarding the focus and activities of the WG. The EnR Full Members will decide on the continuation/termination of the WG.





Working Group	M66 Brussels 2020	M68 Online 2021	M70 Lisbon 2022	M72 Berlin 2023	M74 2024	M76 2025	M78 2026	M80 2027	M82 2028	M84 2029	M86 2030	M88 2031	M90 2032	M92 2033
Behaviour Change	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report
Buildings	Evaluation (revised ToRs)	Activity report	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)
Eco-design & Labelling	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report
Energy Efficiency	Activity report	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report
Industry	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)
Monitoring Tools	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report
Renewable Energy	Activity report	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report
Transport	Evaluation (revised ToRs)	Activity report	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Activity report
Water-Energy Nexus				WG Creation	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report	Activity report	Evaluation (revised ToRs)	Activity report



# EnR Task Force on Common Interest Initiatives

For topics of **common interest** to EnR members that come up as a result of a **specific situations**, a **Task Force on Common Interest Initiatives** can be created, with **limited and predefined lifetime**. The formal decision on the creation is taken by the **EnR Troika Plus**.

If an EnR member wishes to create a task force, they should develop a dedicated **ToR** that needs to include:

- Context
- Identification of the **Chair** (and recommended **co-Chair**) and the list of **starting EnR members** (**at least 3** of the EnR members agencies)
- Goals
- **Action plan and timeline** of activities