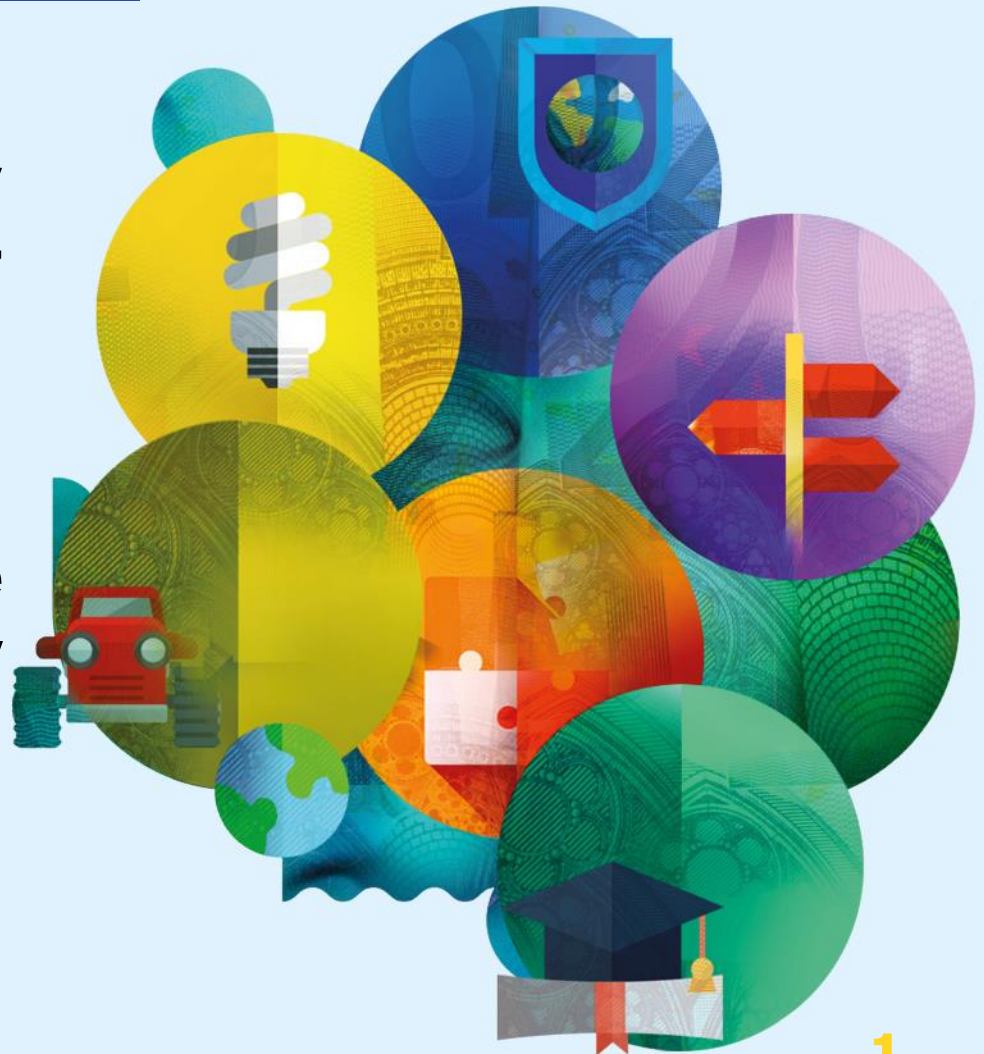


Connecting European Facility 2021-2027

Cross-border Projects in
the field of Renewable
energy





- **EU Renewables target at least 32% in 2030**
55% of RES-E in 2030 → Need for cost-effectiveness. Investment for reaching net zero emission by 2050 : € 520-575 billion annually.
- **Regional cooperation can deliver more with less**
Make best use of EU resource potential
- **New EU energy and climate policy 2030**
gives renewed impetus to regional cooperation between Member States (and 3rd countries)
- **EU ambition for RES world leadership**
more strategic approach to market uptake of promising technologies

Cross-border Projects in the field of Renewables



Joint planning, development & cost effective exploitation of renewables and **EU target achievement**



Contribute to strategic uptake of **innovative renewables technologies**



Promoting **Cooperation** between Member States and 3rd countries

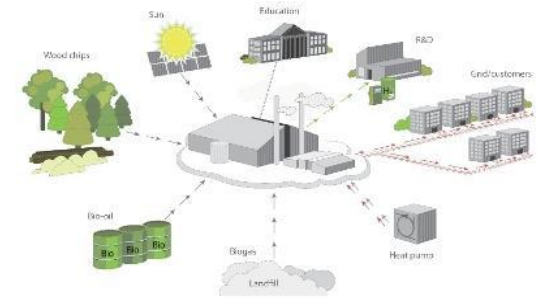


Facilitate their integration through **energy storage** and conversion facilities



Contribute to EU's Long Term **Decarbonisation** Strategy

Hypothetical examples



An **offshore wind park** developed jointly by several MS to use best potential sites; a large floating wind park deployed jointly by MS to maintain EU's leadership in the technology

A large **concentrated solar** plant in Southern Europe offering energy to Northern Europe

A **renewable district heating** project in South Eastern Europe supported by other MS with low RES potential for target achievement



All renewable generation technologies are eligible across electricity, H&C and transport



1 Cooperation Agreement

Project underpinned by a cooperation agreement between at least 2 MS, or a MS and a 3rd Country (with reference to 2018 RES directive)



2 EU – added value

Project brings cost savings in RES deployment and/or benefits compared to a similar project implemented by 1 Member State alone



3 Positive Cost-Benefit Analysis

Covering:

- Cost of electricity generation
- System integration costs
- Cost of support
- GHG emissions
- security of supply
- Air and other local pollution
- Innovation

More details on eligibility criteria/process in the delegated act

Eligibility Criteria CEF Support



- General CEF Award Criteria (article 11)
- Specifically for construction grants:
 - Project holds status of Cross-border Project in the field of Renewables
 - Significant EU-added value
 - Existence of commercial viability gap

CEF Budget Support



BUDGET: 15% of CEF ENERGY Funding subject to market uptake*
(indicative €1,2 bln, final decision on budget end 2019)

Delivery Mechanism	Examples	Co-Financing Rates
Pre-feasibility studies to help identify/set up cooperation (projects)	high level CBA, mapping of potential sites, assessment of regulatory/financing conditions, preparation of a bilateral agreement...	up to 50%
Grants for Studies	Technical & feasibility studies to support concrete project development, EIA...	up to 50%
Grants for Construction Works	Upfront investment support <u>only</u> for projects with significant EU-added Value & commercial viability gap	up to 50%
Blending of grants with Invest EU/private financing	See works	n/a.

* if 15% is reached increase to 20% of CEF ENERGY, subject to market uptake

Selection for status as cross border project in the field of renewables:



Annual call,
application to
COM



Group (MS +
COM)¹ to
establish
draft list



COM adopts
final list via
delegated act²



Group
monitors
**progress of
projects**

- Group's role only for establishing the list
- CEF work programme/grant decisions to be endorsed by CEF Committee (examination procedure)

1. Group established in Annex Part IV of the CEF Regulation
2. List revised at least every 2 years



- **CEF as a cross-sectoral programme**

Energy, transport, digital e.g. CEF digital "*to contribute to the digitalisation of energy networks*"

- **Revised CEF 2021-2027 with more emphasis on action across sectors ("*synergies*")**

Separate work programmes and calls for such action, higher co-funding rates

- **Renewables investments can complement CEF projects in transport and digital**

With up to 20 % of total eligible cost. For this, no need to comply with the eligibility criteria for cross-border renewables projects.



Possible examples: E-mobility charging infrastructure combined with renewables planning/deployment