



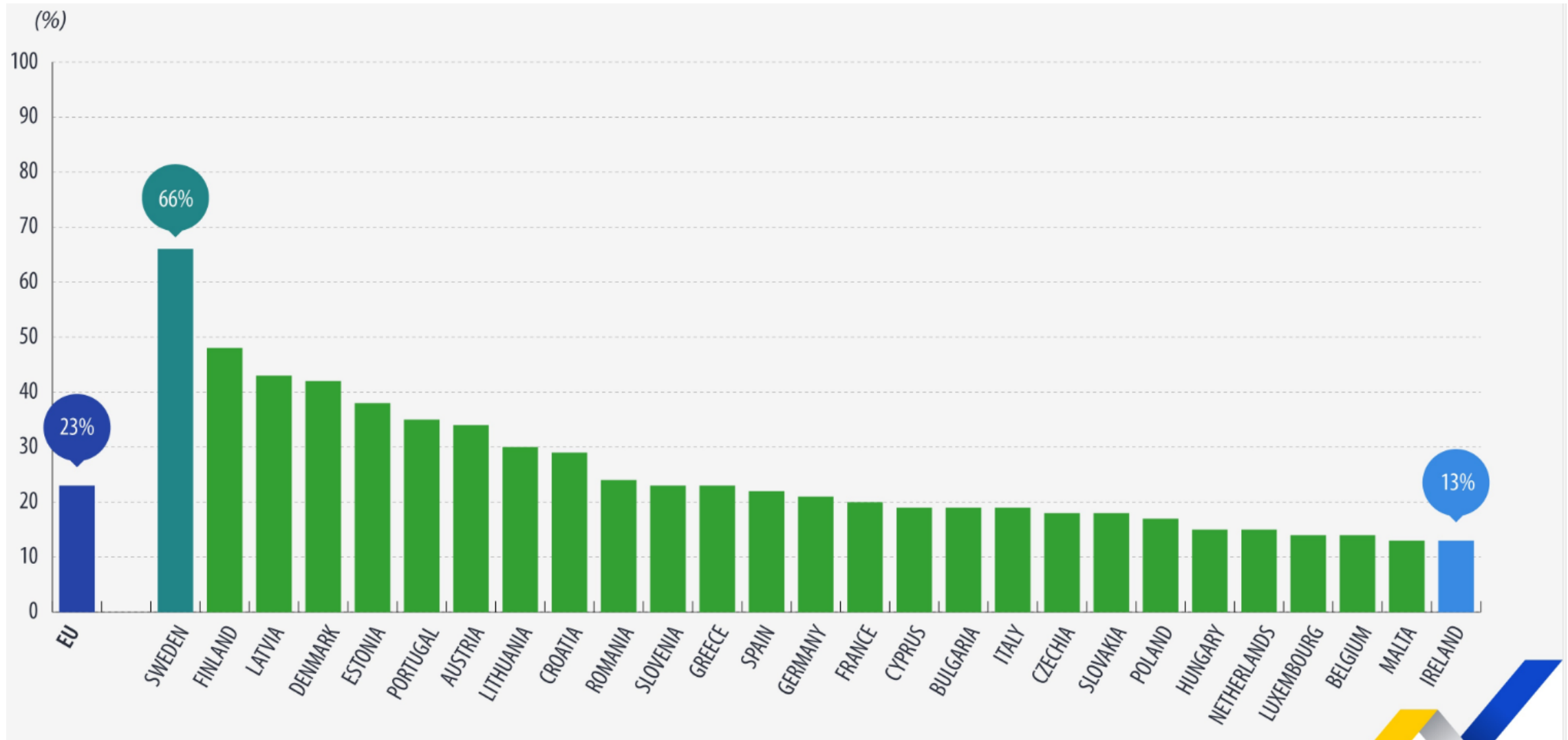
The role of European agricultural biogas and biomethane as a driver for a renewed Green Deal

Biogas Italy

14/03/2025

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DG Agriculture and Rural Development
Unit B2 – Environmental Sustainability
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EU27 - overall share of energy from renewable sources in 2022



REPowerEU Plan (18 May 2022): scale-up biomethane by 2030

- As a renewable and dispatchable energy source, increasing the production and use of biomethane also helps to address the climate crisis.
- Biogas/biomethane is listed among short to mid-term measures to reduce the dependency on imported natural gas.
- The EU's biomethane production, either as biogas or its upgraded version, needs to reach **35 billion cubic metres (bcm) per year by 2030** and the estimated investment need for the period amounts to €37 billion.

Teaming up to achieve 35 bcm of sustainable biomethane

BIP layout



Task Force 1

National biomethane targets, strategies and policies



Task Force 2

Accelerated biomethane project development



Task Force 3

Sustainable potentials for innovative biomass sources



Task Force 4

Cost efficiency of biomethane production and grid connection



Task Force 5

Research, Development and Innovation needs

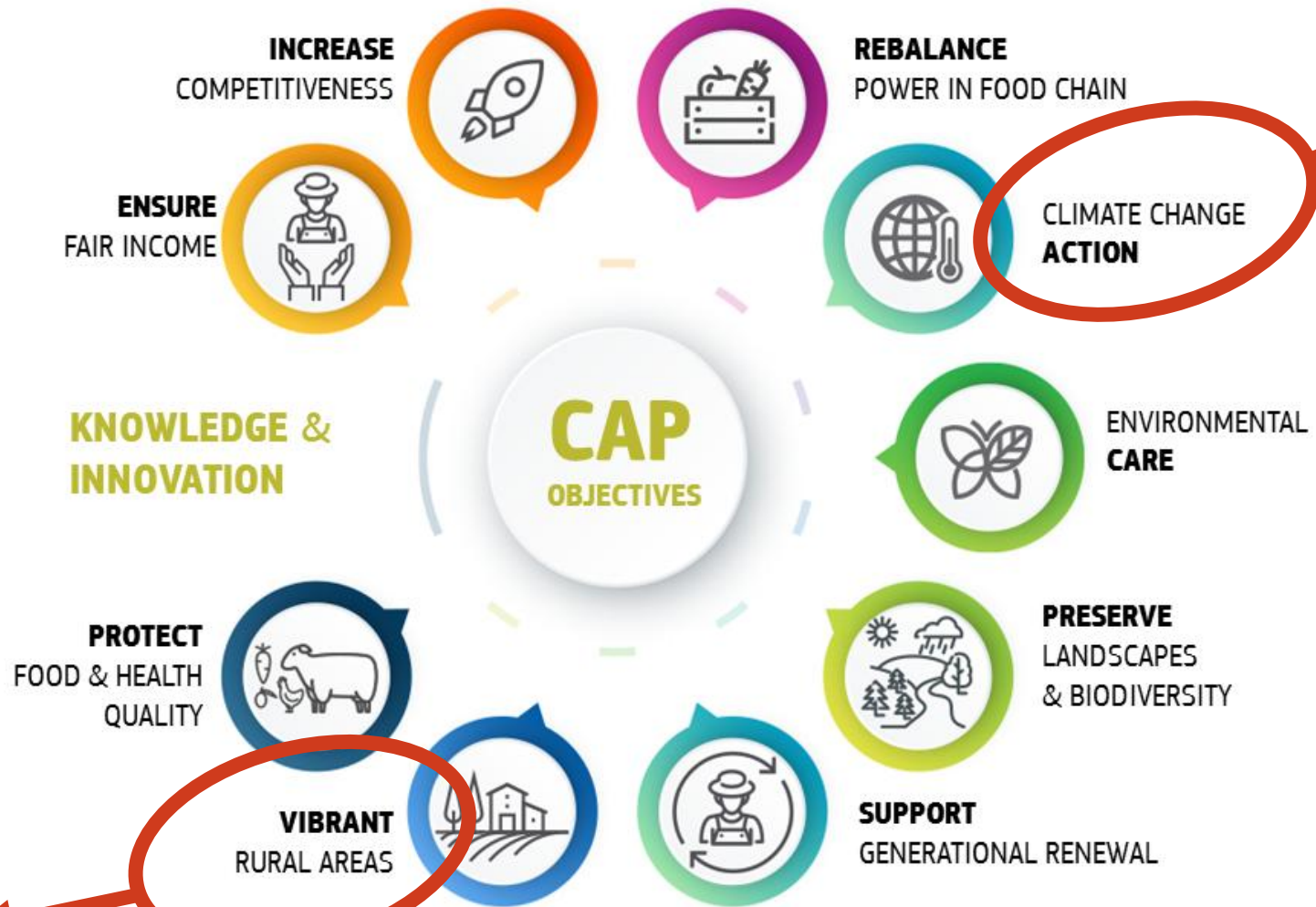
TF6 cooperation with Ukraine

Sustainability and GHG emissions saving criteria for biofuels, bioliquids and biomass fuels (Article 29, RED II as amended)

Sustainable biomethane/biogas unlocks:

- (a) Accounting towards the Union target and the renewable energy shares of Member States;
- (b) measuring compliance with renewable energy obligations, including the obligation laid down for renewable energy in transport:
- (c) eligibility for financial support for the consumption
- (d) if produced from waste and residues (Annex IX) and used in transport, the energy content is double-counted

CAP Objectives & sustainability dimensions

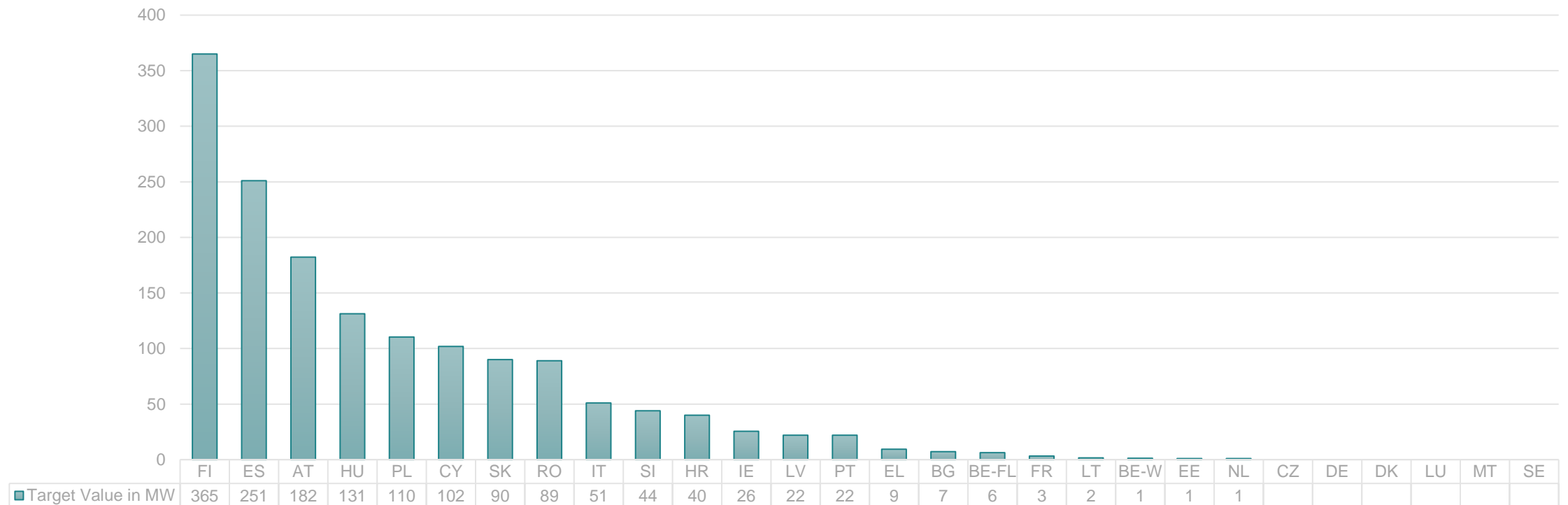


SO4: Promote sustainable energy

SO8: Promote the circular bio-economy

R.15 Renewable energy from agriculture, forestry and from other renewable sources

Target Values for R.15 across EU Member States (in MW)



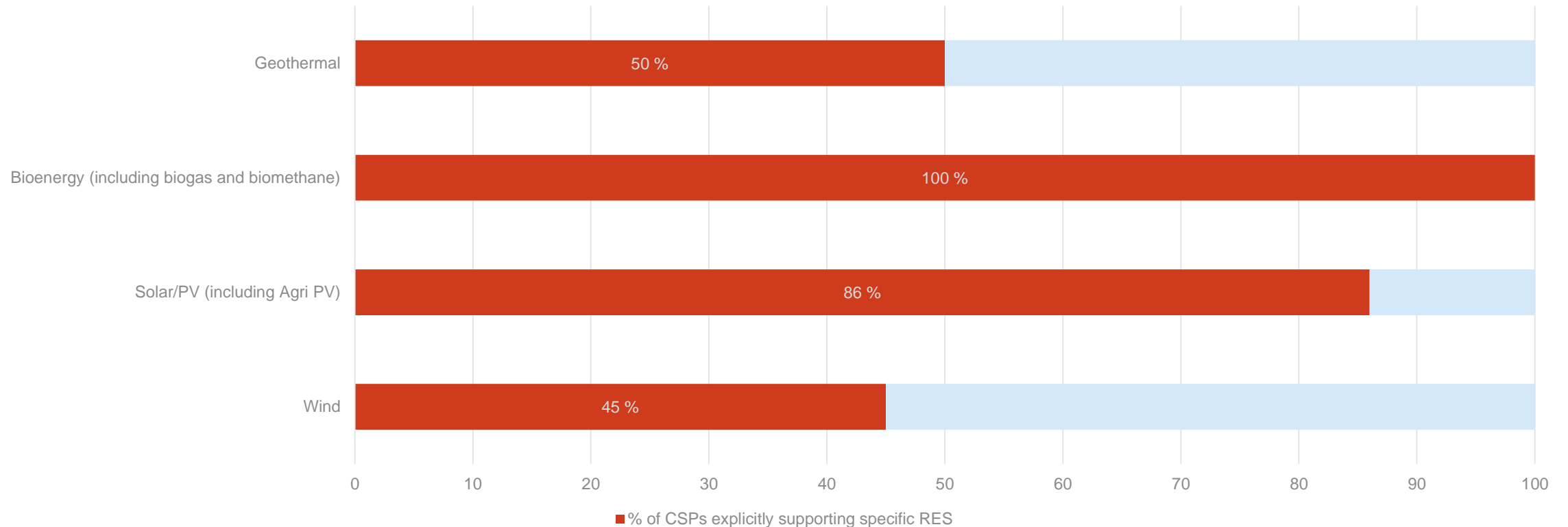
EU target of all CAP-Plans 2023 - 2027: production capacity of almost **1.560 MW**

Support for renewable energy production under the CSP

- **22 CAP-Plans¹** include **targeted interventions to support the production of renewable energy** in their plans
- **14 CAP Plans** explicitly refer to support for biogas/biomethane
- In total, **93 interventions** are planned in the CSP for renewable energy:
 - 80 interventions under the EAFRD (79 investment and 1 cooperation)
 - 13 interventions under sectoral programmes
- Support up to max. 80% (“green investments”) and up to 100% for infrastructure investments.

1) AT, BE-FL, BE-WL, BG, CY, EE, FI, FR, EL, HR, HU, IE, IT, LV, LT, NL, PL, PT, RO, SK, SI, ES

Types of renewable energy production explicitly supported under the 22 CSP



Examples



Christophe Hansen • 1er
European Commissioner for Agriculture and F...
1 semana • Editado •

I had the pleasure of visiting Koeweidehof farm BE today with [Jessika Roswall](#), Commissioner for Environment, Water Resilience and Competitive Circular Economy - a great example of how agriculture can drive both food production and renewable energy. Powered by biogas - electricity generated from cow manure and slurry - and solar panels, the farm runs on 100% green energy, with surplus energy shared with local families 🌱☀️

Farmers Marijke d'Hertefelt and Bart Vanderstraeten are leading the way in bioeconomy and circular agriculture, showing how food and energy can go hand in hand to create a sustainable future 🌿 Their work not only supports energy security but ... más

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FI A biogas plant investment: From local farming to a new partnership in circular economy: Investment in a biogas plant allows for formation of a new partnership between local farmers and a food producer contributing to the circular economy. https://enrd.ec.europa.eu/projects-practice/biogas-plant-investment-local-farming-new-partnership-circular-economy_en



Thank you



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