

EGNRET 64 (Bangkok, Thailand)

Policy Dialogue and Practical Cooperation
for Accelerating Renewable Energy
Deployment in the Asia-Pacific Region



R R E D A

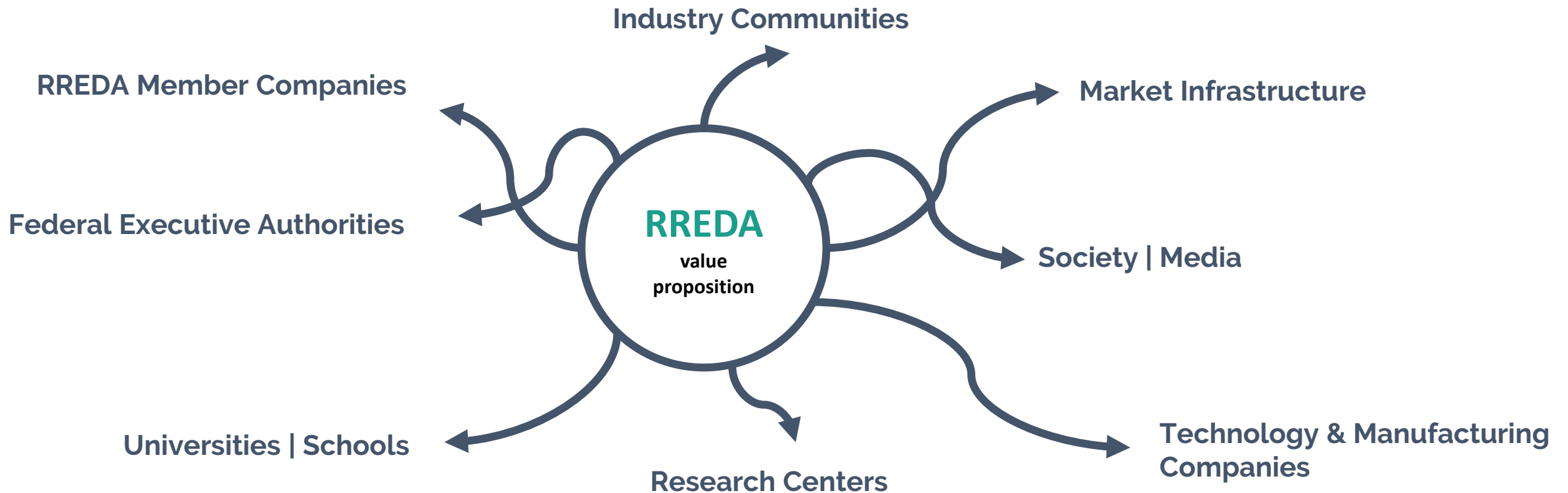
RUSSIA RENEWABLE ENERGY
DEVELOPMENT ASSOCIATION



RREDA is bringing together a wide range of stakeholders interested in RES development

Russia Renewable Energy Development Association (RREDA) is a **non-profit** and a **non-governmental** organization representing the interests of participants in renewable energy sector. Our objectives: to **stimulate investment** and **popularize the use of renewable energy sources**.

We bring together a **wide range of stakeholders**, e.g. generating companies, RE project developers, equipment manufacturers and suppliers, research centers and financial institutions, in order to jointly ensure the formation of a **reliable institutional environment** and an **effective infrastructure** for investment in the renewable energy sector.



RREDA focused on intensifying international relations in 2025



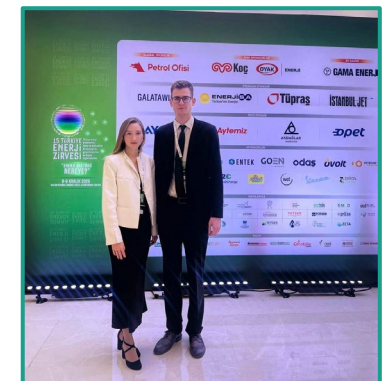
RREDA, together with the UNECE, IRENA, and the Russian Energy Agency, held a “Hard Talk” event with key representatives from regulators and infrastructure organizations.

As part of the *Hard Talk*, Russian and international experts discussed the consideration of renewable energy generation capacity in the preparation of medium- and long-term power system development planning documents, forecasting and balancing renewable energy output, planning the siting of renewable energy facilities within the power system, and related issues.

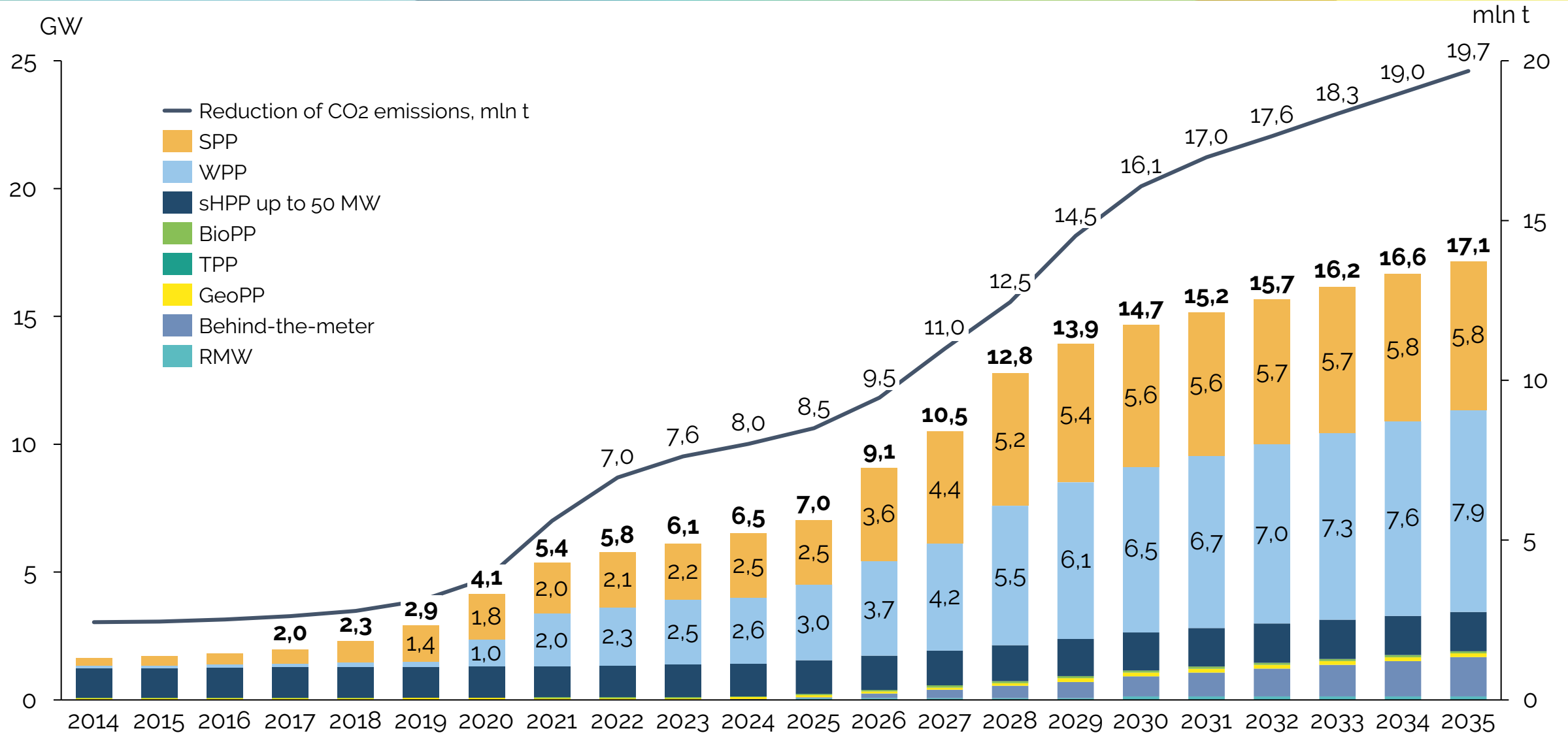
In September 2025, RREDA delivered a presentation on the Status of RES Development in Russia at a meeting of the **UNECE Group of Experts on Renewable Energy** during **Sustainable Energy Week** in Geneva.

Representatives of RREDA joined the **UN Youth Group** on Resilient Energy Systems as analysts and coordinators. An exchange of best practices is currently underway with the aim of developing recommendations for updating the **Sustainable Development Goals**.

In December 2025, RREDA took part in the **Türkiye Energy Summit** delivering a presentation on *Investment Opportunities at the Russian Renewable Energy Market*.



RREDA forecast of the total RES capacity and reduction of CO2 emissions



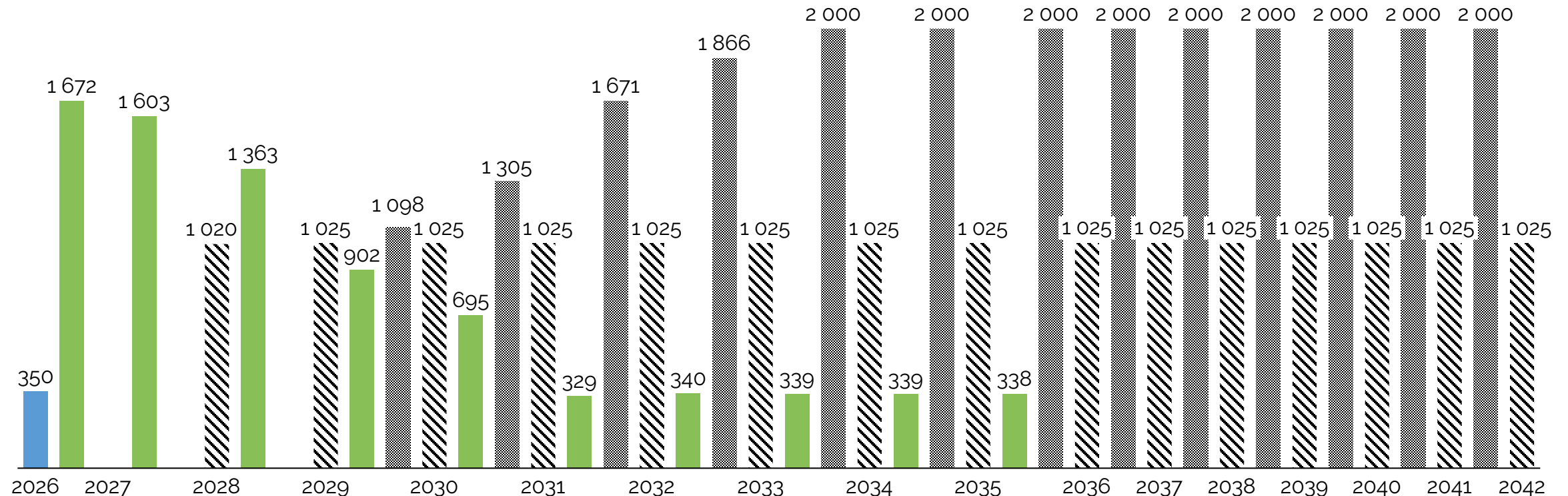
Deployment of additional RES and BESS under the accelerated energy development scenario according to the General Scheme for siting power facilities in Russia until 2042

The average annual additional demand for new capacity during the period will be;

- 1,4 GW for RES and 1,1 GW (6,6 GW·hour) for BESS during the period 2029-2035.
- 2 GW for RES and 1,1 GW (6,6 GW·hour) for BESS during the period 2036-2042.

- WPP and SPP potential additions (2029-2042)
- ▨ BESS potential additions (2029-2042)
- WPP and SPP planned additions (2026-2042)
- BESS planned additions (2026-2042)

RREDA proposes more active implementation of RES and BESS projects where they can be an alternative to TPPs.



RES development program adopted in 2013 has made it possible to create a comprehensive innovative cluster of RES in Russia

CSA RES 1.0 (from 2013 to 2020)

- A return on investment guarantee with a return linked to the return on government obligations;
- The selection of projects was based on a comparison of capital expenditures;
- The maximum capacity volumes that can be selected are fixed;
- Localization requirements established.

CSA RES 2.0 (2021 – p.t.)

- A return on investment guarantee with a return linked to the return on government obligations;
- The selection of projects was based on a single price (analogous to LCOE);
- **CSA RES 2.0** does not contain precise volume indicators for the maximum installed capacity of renewable energy sources, but is limited only by the volume of support (in rubles);
- The requirements for increasing the share of localized equipment have been tightened;
- Added **export** requirements.

Renewable energy support program on the wholesale electricity and capacity market: capacity supply agreements (CSA RES)



CSA RES 1.0 program (2013-2024)



CSA RES 2.0 program (2025-2035)

Purposes and objectives of the support program

- Launching the development of the renewable energy industry in the country
- Creating **a cluster for the production of equipment**
- Achieving **production (consumption) targets** by 2025 = 4.5%

- Industry **Technological Development:** Strengthening Localization Requirements
- Competitiveness: export commitments
- Expansion of the RES share: **up to 6% by 2035**

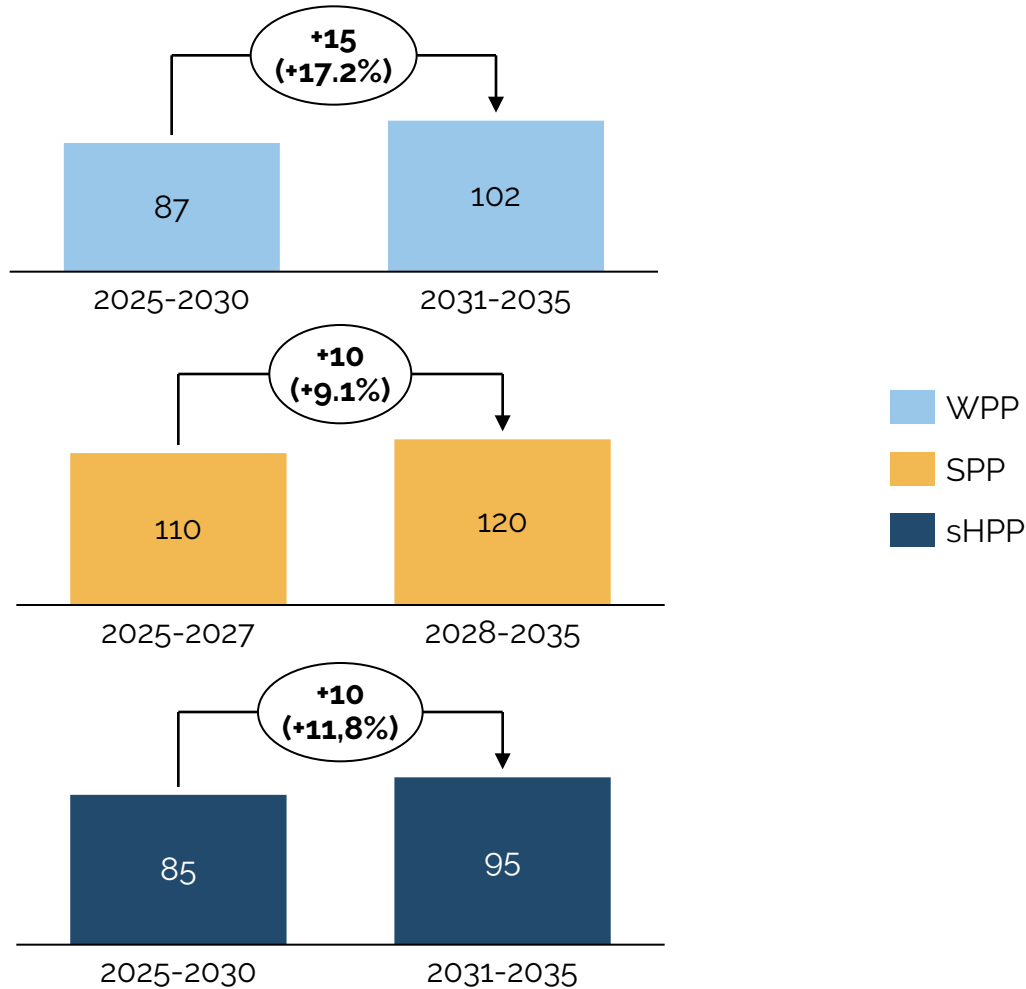
Parameters at the end of the program

- Total installed capacity – **5.4 GW**
- The total potential to produce renewable energy equipment is **at least 1.2 GW per year**

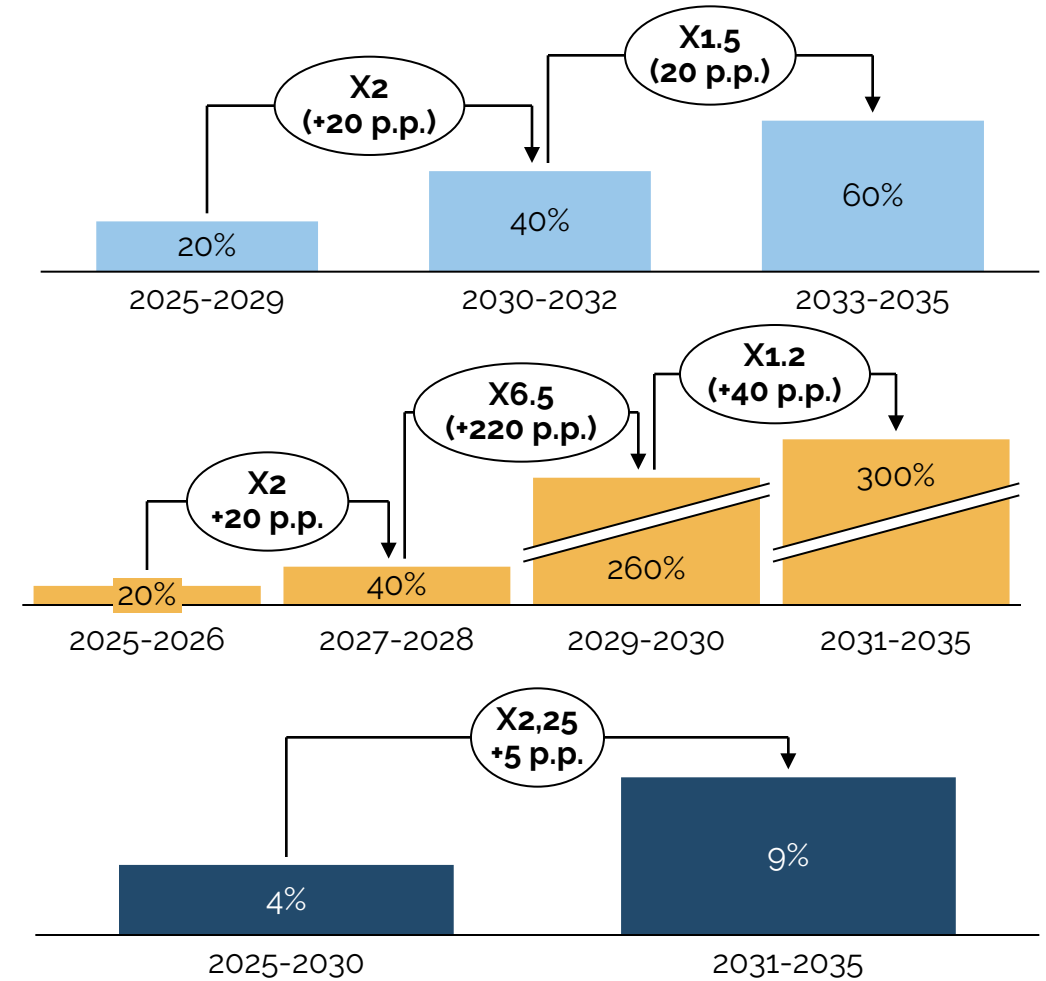
- The projected volume of RES commissioning is **more than 6 GW in 2025-2035**
- The total capacity of the facilities based on the results of the program is **about 12 GW**
- Export volume over **RUB 50bn**

CSA RES 2.0 strengthens equipment localization requirements and enables the development of export potential

Target indicators of localization according to the CSA RES, points, %



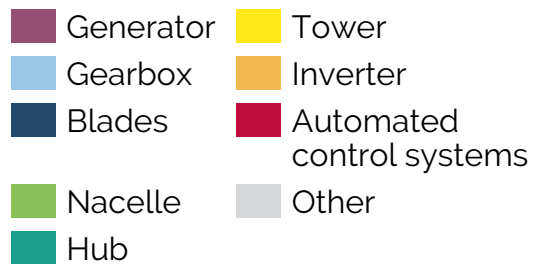
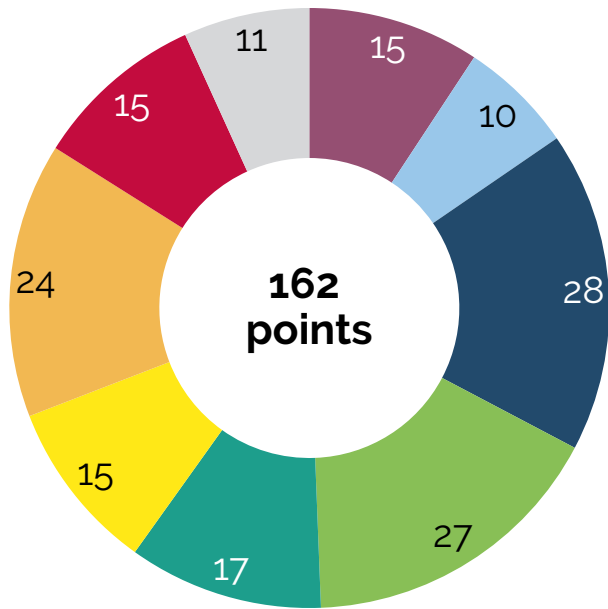
Target export indicators for CSA RES, %, percentage point (p.p.)



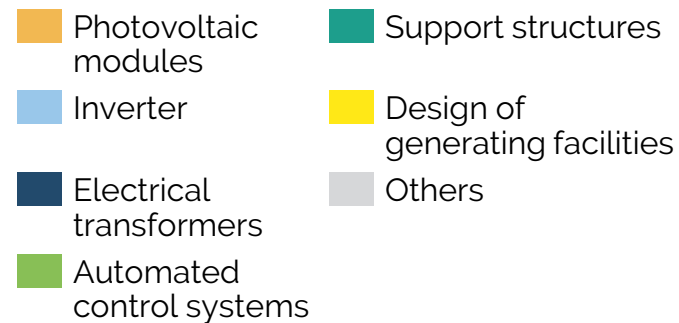
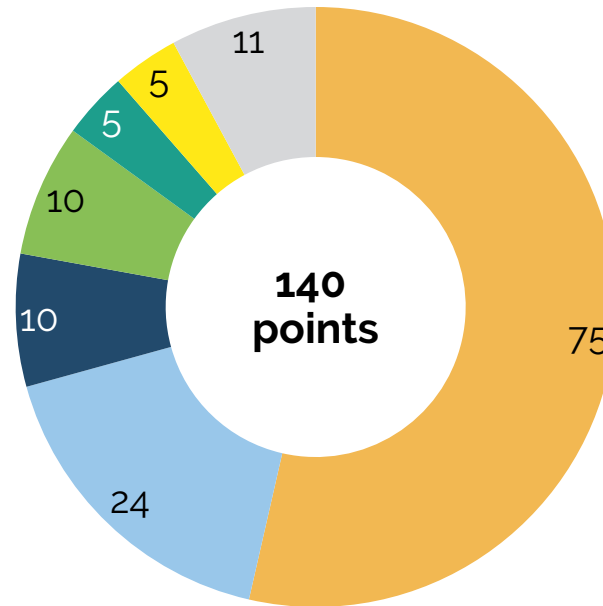
Contribution of individual key elements to the localization target indicator

Maximum possible contribution of elements to the localization indicator, points

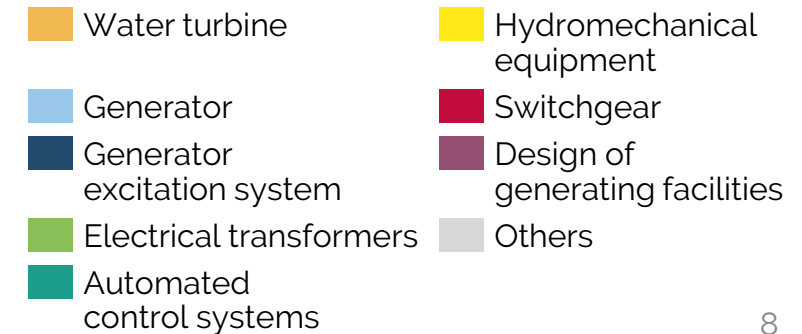
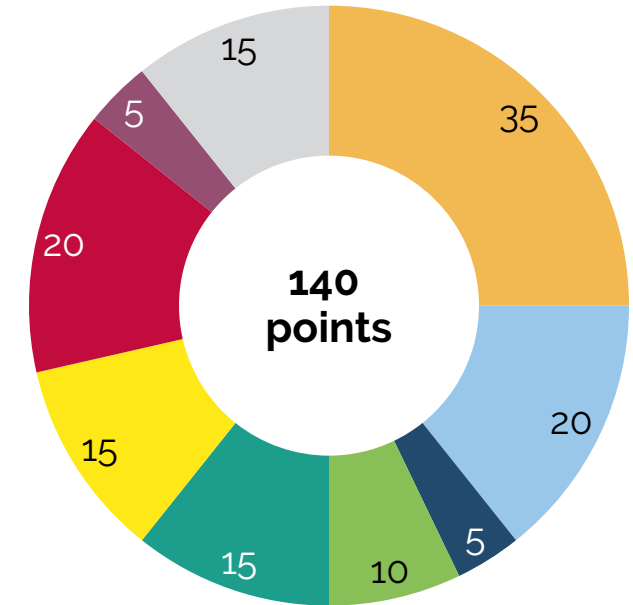
WPP
(total minimum target=87-102 points)



SPP
(total minimum target=110-120 points)



sHPP
(total minimum target= 85-95 points)



Strengthening Practical Cooperation Across APEC Economies

In-person exchanges can complement webinars and annual meeting by giving participants direct exposure to real-life implementation.

Why it matters

- Webinars and annual meetings are useful, but they do not always provide a full practical picture.
- In-person visits allow participants to see how projects, regulation and infrastructure work in real conditions.
- Firsthand exposure helps turn general dialogue into applicable policy and business lessons.

Possible APEC mechanism

- A practical support mechanism (dedicated fund) could facilitate study visits and expert missions among APEC economies.
- It could support exchanges for policymakers, industry representatives and technical experts.

Proposal: to initiate a discussion among APEC economies on a practical support mechanism for in-person exchanges.

Expected benefit: *stronger exchange of best practices, better policy understanding, and faster adaptation of successful renewable energy solutions across the region.*



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