

Action 11.2: An ERA for green transformation - Revamping the SET plan	
<i>Contact point: Eirik LONNING (RTD C1)/Stela BALEVA (RTD C1)¹</i>	
1. Description	<p>The European Strategic Energy Technology Plan (SET Plan) is the major frame for synergies between European and national actions on R&I in the domain of energy technologies. It aims at boosting the transition towards a climate neutral energy system through the development of low-carbon technologies in a fast and cost-competitive way. By improving new technologies and bringing down costs through coordinated national research efforts, the SET Plan helps promote cooperation among EU countries, companies and research institutions, and in so doing also deliver on the key objectives of the energy union.</p> <p>It was launched in 2007 and revised in 2015. In the context of the new policy landscape, the SET Plan needs to be updated in order to reflect the ambition of the European Green Deal and to navigate the clean energy transition.</p> <p>The objectives of the revision of the SET Plan are the following:</p> <ul style="list-style-type: none"> - To push the initiative and the overall European research forward in fostering emerging technologies for reaching the EU's 2050 targets, with balanced acceleration of the rollout of technologies expected to bring impact by 2030. - To build momentum and support stronger MS involvement in updating their R&I energy roadmaps to meet the ambitious goal of the EGD. - To strengthen the synergies between EU, national and regional funding sources and push deployment of clean energy technologies. - To refocus, revisit and regroup the multitude of targets in the different working groups, and concentrate on a set of overarching strategic objectives and targets in a more mission-oriented approach. - To rethink the SET Plan governance in order to align it to the new objectives. <p>Ongoing actions:</p> <p>The SET Plan is currently implemented by now 14 Implementation Working Groups (IWG), focused on the 10 SET Plan key actions. Each of the IWG has set an Implementation Plan (IP) with identified R&I activities and clear and measurable targets. The IPs have been revised to align the</p>

¹ C1 is recruiting one member for ERA SET Plan / name to be confirmed later on

	<p>targets with the ambitious ones of the EGD. However, the structure of the IWG and, more globally, the governance of the SET Plan have not been adjusted to the new situation and new objectives, for instance in the area of prioritisation and for synergies with other relevant actions like investment programmes.</p> <p>As revision of the SET Plan will be done through:</p> <ul style="list-style-type: none"> - Interim evaluation of the initiative - Targeted public consultation - Working groups with the MS and SET Plan stakeholders - Informative discussion at the EP - Preparation of a joint Communication on the SET plan revision - Discussion at the Council and further Commission proposals if needed
2. Actors	The implementation of this action will be done by all Member States jointly with the EC and the Associated Countries.
3. Timing and milestones	<ul style="list-style-type: none"> - Setting a roadmap for action Q1 2022 - Consultations with MS and SET Plan stakeholders, Q1-Q2 2022 - Results from the Interim evaluation of the SET Plan initiative, Q2 2022 - Results from a targeted Public Consultation Q3 2022 - Communication from the Commission in November 2022 - Presentation of the revision at the SET Plan Presidency Conference November 2022 - Organisation of R&I energy thematic working groups with MS 2022-2023 - Update of R&I energy roadmaps across EU MS 2023-2024 - ERA R&I energy updates at the R&I days 2022-2023-2024
4. Funding	<p>Horizon Europe, including from the Clean Energy Transition Partnership</p> <p>National funding</p>
5. Expected impact	<ul style="list-style-type: none"> - Boosting cooperation between MS and the EU for achieving the Green Deal objectives for clean energy transition - Developing cooperation between MS national programmes for supporting these objectives, - Disseminating good practices for joint investments and cooperation for clean energy transition - Strengthened synergies between EU, national and regional funding sources for pushing the development of clean

	<p>energy technologies needed for reaching the EGD targets and goals</p> <ul style="list-style-type: none"> - Becoming an essential tool in delivering the R&I part of the Energy Union - Contribute to skills development needed to acceleration the CET and reaching the EGD's targets
6. Monitoring	<p>The monitoring of the SET Plan initiative is done by the Strategic Energy Technology Information System (SETIS).</p> <p>SETIS website is the open-access information, knowledge management and dissemination system for the SET Plan, managed by the Joint Research Centre (JRC), European Commission.</p> <p>SETIS helps implement the SET Plan and accounts for its progress and achievements through the monitoring progress report, released yearly during the SET Plan Conference.</p>
7. Communication	<ul style="list-style-type: none"> - Communication from the Commission – Q4 2022 - Annual SET Plan Presidency Conference, Prague, CZ – November 2022 - ERA R&I energy updates at Energy week – September 2022
8. Additional information	