

The Green Platform Scheme and R&D&I Opportunities - Contributions to a Sustainable Energy System

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The Green Platform Scheme

- Funded by the Ministry of Trade, Industry and Fisheries through a joint assignment to the Research Council of Norway, Innovation Norway and SIVA
- Green Platform targets to accelerate the green transition in business and industry
 - Open to all industries, sectors and businesses
 - Ambitious three-year collaborative projects
 - Cover the entire cycle from research and development, test and verification, scaling, to commercialization and market introduction
- Important contributions to Norway's environmental and climate commitments
- Strengthen competitiveness and ensure long-term economic profitability



Added value of joint
support from the
Green Platform



Improvements for
the climate and
environment

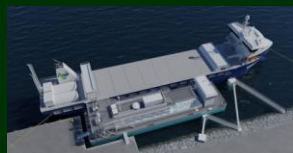


High ambitions,
new value creation

Hydrogen / Ammoniakk



Ammoniakk som hydrogenvektor til energimarkedet



Ammonia Fuel Bunkering Network



Undervannslagring av hydrogen til industri og havner

Havvind



Ocean Charger - Maritim verdikjede for havvind med offshore energioverføring



WINDRISE - An integrated value chain for sustainable and up-scaled production, transport and installation of offshore wind substructures



Optimalisation of maintenance and repair of offshore floating wind turbines



Havnett

Strømnett / Grid



Neste generasjon overvåking og kontroll i distribusjonsnett

Batterier

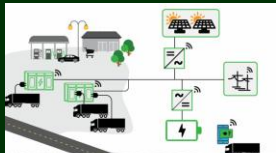


SUMBAT Sustainable Materials for the Battery Value Chain



Norwegian Battery Packing Network (BATNET)

Transport



MegaCharge - Megawatt charging infrastructure for electric heavy-duty transport

Maritim industri



Sea Zero



ZeroKyst Avkarbonisering av sjømatnæringen gjennom en overgang til hydrogen-elektrisk fremdrift



GASS - Green AI for Sustainable Shipping



Oppsirkulering av maritimt metall

Solindustri



Hybride sol- og vannkraftverk

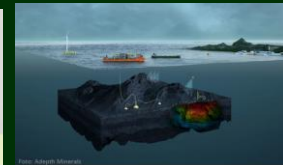
Prosessindustri



AluGreen - Aluminium Green Platform



GreenBox - et spydspissprosjekt for prosessindustrien i det grønne skiftet



Havbunnsmaterialer - Akselerer energiomstillingen

Marin



Lavutslipsverdikjede for havbruk til havs



Sirkulære løsninger for havbruksnæringen - SirkAQ



New products from cultivated seaweed for blue-green value-chains



OceanGreen - Maximizing Economic Value through Restored Kelp Forests and Sustainable Fisheries

Bygg / Anlegg



Excon - Grønn forvaltning av konstruksjoner for infrastruktur

Skog- og trenæring



Fra tre til biobaserte polymerprodukter



Bio4Metal - Utvikling av High Performance Biokarbon til produksjon av manganlegeringer



SirkTRE - etablerer den helcirkulære verdikjede for tre

Manufacturing



Re3-Plast - Reduce, Reuse, Recycle: Sirkulære løsninger og redusert forbruk av jomfruelig plast til matemballasje



SmartSirk - Smarte Fabrikker og Sirkulære Produkter

CCUS



Carbon Links (LINCCS) Linking large scale CO2 storage across the value chain



AlgOpti Developing a new sustainable salmon food chain



Bærekraftig verdikjede og materialbruk i vegbygging

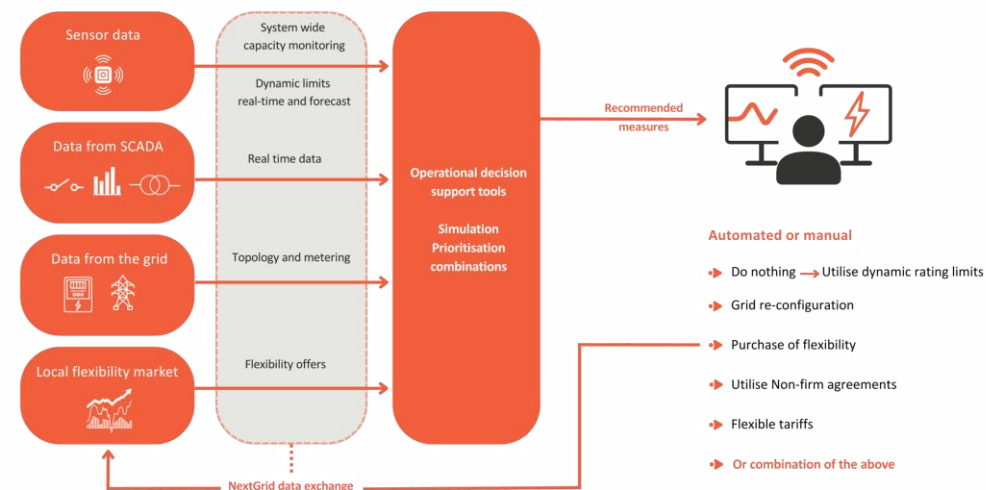


Green Platform NextGrid Project

Green Platform project characteristic ambitions

- solve key challenges of the green transition through innovations that surpass established solutions, value chains and markets
- lasting value creation and increased competitiveness through new solutions
- reduce greenhouse gas emissions and preserve or improve the nature diversity and environment
- significant positive ripple effects for society
- strong value chains enabled by risk sharing and broad collaboration across technology disciplines, research communities, industries and sectors
- activities from research and technology development, testing and verification to implementation, scaling and commercialization
- scope with greater risk than usually covered by other funding instruments

- Project partners: 20
- Budget: 125 MNOK
- GP funding: 56,8 MNOK
- Duration: 2023-2025



Figures from smartgrids.no/prosjekt-nextgrid/en/



Energy-relevant Calls in 2026 (tentative)

Green Platform	New call proposed/planned for 2026 (open to all topics)
Innovation Project for the Industrial Sector- Energy and transportation	Research-based innovation within <i>environmentally friendly energy, petroleum, maritime and transport</i>
Competence-building Project for Industry- Energy and transportation	Basic and applied research within <i>environmentally friendly energy and petroleum</i> to generate knowledge necessary to solving major societal and industry challenges
Collaborative Project to Meet Societal and Industry-related Challenges	Basic and applied research to develop new knowledge addressing important <i>societal</i> changes to succeed with the <i>energy transition</i> and its consequences on the climate and nature



Energy Research Impact



2018



2025



Through close collaboration between the industry and the research communities, the Green Platform will help realize Norway's ambitions for green transition and sustainable growth.

Thank you for your attention!