

SDG7 Energy Compact of Graded S.p.A.

A next Decade Action Agenda to advance SDG7 on sustainable energy for all, in line with the goals of the Paris Agreement on Climate Change

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(Member States targets could be based on their NDCs, energy policies, national five-year plans etc. targets for companies/organizations could be based on their corporate strategy)

By 2030, ensure universal access to affordable, reliable and modern energy services.

Target(s):
Time frame:
Context for the ambition(s):

By 2030, increase substantially the share of renewable energy in the global energy mix.

Target(s): 25 MW
Time frame: 2026
Context for the ambition(s): Increasing our energy production with the implementation of renewables plants (exp. PV, Hydrogen, Geothermal).

By 2030, double the global rate of improvement in energy efficiency.

Target(s):
Time frame:
Context for the ambition(s):

By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.

Target(s): a
Time frame: 2026
Context for the ambition(s): Consolidating and increasing the collaboration with the IRENA organization and we are a part of the UN Global Compact Network from 2021, especially about PV plants, Hydrogen, su

with their respective programs of support.

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Target(s):
Time frame:

Version 3 Aug

Context for the ambition(s):

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2.1. Please add at least one key action for each of the elaborated ambition(s) from section 1.

Our ambitions is being an energy producer with the implementation of renewables plants (exp. PV): related to Green Hydrogen at the moment we are closing a contract to buy a new PV & Electrolyzer plant.

Action 1.1.: Purchasing of regional full plant, that produces, uses and stores Green hydrogen;

Action 1.2.: Data Monitoring and analysing made from the hydrogen full plant, even with different condition from technical data (e.g. we will use rain water and not tap water, to save water, and we will study if it will work or not);

Action 1.3.: Purchasing of another hydrogen plant, if we have encouraging data;

Action 2: Increasing PV in places where energy is not available (e.g. farm, islands);

We are collaborating with the IRENA Organization and we are a part of UN Global Compact Network from 2021.

Action 2.1.: become a regional leader about sustainability and renewables, closing strict agreements with University, companies and research centers to develop new technologies applied with renewables.

Outcome 2.1.1.: Get the top 20 among companies of Campania (The region of South Italy where Graded had the headquarter).

Action 2.2.: started a collaboration with the Rochester Institute of Technology (RIT) in Dubai, in order to test the new green energy s tit t



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4.1. Please specify required finance and investments for of the actions in section 2.

Items 1: Hydrogen first plant, invested 40,000 euros; for other plants we have a budget of 1.000.000 euros to spend for the next 2 years.

Items 2: 100.000 euros for local initiatives and partnerships with University and Research Centers to promote and develop new projects and technologies and investing in human capital with high specializations. Costs include: 35.000 euros for specialized personnel, 40.000 euros for the participation in international events, 25.000 euros to finance local start-ups involved in the hydrogen sector.

4.2. [For countries only] In case support is required for the actions in section 2, please select from below and describe the required support and specify for which action.

Financing

In-Kind contribution

Technical Support

Other/Please specify

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5.1. Countries planned for implementation including number of people potentially impacted.

Hydrogen first Plant based in South Italy, city of Castelvoturno; for other plant in progress, we are looking for the best opportunities concerning cost of investments and profit.

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fuel that can help us to reduce CO2 as much as possible.

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6.1. Please describe how you intend to track the progress of the proposed outcomes in section 3. Please also describe if you intend to use Š



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8.1. Title/name of the Energy Compact

GREEN HYDROGEN COMPACT

8.2. Lead entity name (for joint Energy Compacts please list all parties and include, in parenthesis, its entity type, using entity type from below)

GRADED SPA_ an energy service company based in Naples with two branchlen

