

## List of small-scale projects awarded project development assistance following the 1st call for proposals

First call for small-scale projects launched pursuant to Commission Decision C(2020) 8188 of 1 December 2020 amending Decision C(2020) 4352 of 2 July 2020 as regards the launch of the call for proposals for small-scale projects in 2020

No.	Project acronym	Sector	Location and applicant(s)	Coordinator and partners	Short description
1	ALGA3HERO	Biofuels and bio-refineries	Portugal	FCC AQUALIA S.A (ES) Algaesys Lda. (PT) Abrantaqua (PT) Abrantes Municipal Council (PT)	ALGA3HERO is implementing a disruptive technology to provide low cost and sustainable biofuel and biofertilizer, using municipal and industrial wastewater as raw material, with water reuse as side product.
2	FRFS	Iron&Steel	Spain, Italy, Sweden, Germany, Finland	Finn Recycling Ltd (FI)	New modular sand regeneration unit for individual foundries for in-house recycling of waste sand, which would provide significant cost savings as well as a significant potential to reduce CO2 emissions.
3	Hiisi I BIOCHAR	Other	Finland	Carbo Culture (FI) Afrý Finland Oy (FI)	Carbo Culture will build an industry leading biochar production facility in Finland. Biochar is the product of heating lignocellulosic biomass to a high temperature which fixes the carbon into a stable, functional material. This stores carbon that would otherwise be released via decomposition.
4	ZERO CARBON GYPSUM	Glass, Ceramics & construction material	Latvia	AS ETGAS (LT) (part of KNAUF)	The scope of the project is to facilitate a transition of an energy-intensive gypsum plasterboard manufacturing site from natural gas use to renewable on-site generated synthesis gas (syngas) using solid waste biomass as a feedstock.
5	GreenHyseO	Hydrogen	Italy	FNM S.p.A.(IT) FERROVIENORD (IT)	The “H2iseO” project aims at decarbonizing rail and bus transport in Valcamonica (in the North-East of Italy) creating the first Italian “Hydrogen Valley”. FNM Group has purchased a green hydrogen-powered fleet of 14 trains (40 hydrogen powered buses are scheduled by 2025) and is now working at the

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					construction of 3 green hydrogen production plants, including distribution and refuelling station.
6	CO2ncrEAT	Cement & lime	Belgium	Prefer Construct SA (BE) Carrières et Fours à Chaux Dumont-Wautier SA (BE) Orbix Solutions SRL (BE)	Integrated solution to convert calcium-rich slags into a green building product with negative carbon footprint, adding industrial CO2 as a binder instead of cement.
7	GreenTissue	Pulp and Paper	Sweden	Meva Energy AB (SE) Sofidel Sweden AB (SE)	Novel gasification technology able to produce renewable syngas from biomass feedstock that is compliant with the quality requirements for heat generation in industrial processes.
8	CO2Made	Chemicals	Germany	Opus 12 (USA)	CCU technology that enables an energy efficient conversion of CO2 from any source into CO that can be used to produce high-value products.
9	TRUCK2WIND	Intra-day electricity storage	Spain	Green Capital Power (ES)	TRUCK2WIND is a highly innovative small-scale project based on the hybridization of first and second-life batteries to efficiently store electricity produced by a wind farm.
10	HyPush	Hydrogen	France	NEoT Green Mobility (FR)	Project is a first-of-kind implementation and operation of a pusher vessel combining a battery and a fuel cell in freight transport.