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**Partner search**

**Date (19-08-2020)**

* **(\*) Indicate numbers of relevant topics for Green Deal call:**

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| **LC-GD-3.1.2020 and LC-GD-3.2.2020** |

* **Quick description of the project**

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| * **LC-GD-3.2.2020 - Demonstration of systemic solutions for the territorial deployment of**

**the circular economy“Upcycling Algae Waste Biomass to produce recyclable and/or Biodegradable Bioplastics for Packaging industry and Co products for Composites as well as Nutrition with deployment of whole Algae industry in Mediterranean sea Coast ( Région SUD)** |

* **(\*) Do you intend to apply as ? :**

**Coordinator: Yes/No**

**Participant: Yes/No**

**(\*) Either Description of the expertise requested (up to 1000 characters) - *specify which points of the "expected impact" of the call you are targeting***

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| **GD 3.2.2020** **Whole European chain value Partnership :*** **Municipalities collecting Algae waste**
* **Waste treatment companies**
* **Laboratory or SME with expertise in Macro Algae harvesting or IMTA**
* **End user using Packaging for Food , cosmetics , Nutrition**
* **Cluster expert in Vegetal Biomass**
* **Cycle life analysis expert**
* **Biomaterial Converters ( Film extruder , Injector , Composite producer)**
* **Chemical group with Biorefinery capacity for Extracting components**
* **Industrial land owner willing to diversify industrial activity with Green activity**
* **Laboratories for Compostability tests ( land and Sea )**
* **Solar energy producer and Energy storage**
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**Or Description of the expertise proposed (up to 1000 characters) - *specify which points of the "expected impact" of the call you are targeting***

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| **Within ERANOVAStarting by 2021 with a Pre industrial plant located in Port Saint Louis du Rhone ( Region Sud ) on Mediterranean Sea side , we will both use Green algae bloom waste and also Harvest Green Algae with CO2 capture ( 1 kg CO2/1 kg of Dry Algae biomass ) using facilities of Open Raceways ; then we will extract from Dry biomass into Biorefinery polymers and products that can be used for Chemistry and Biomaterials ( D glucose and Starch ) , as well for Nutrition ( Hydrolyzed Proteins ) ; as well as for Construction industry ( Cladding and Decking)****ERANOVA will also develop customized Biomaterials formulation that can have application for packaging as well as insulation panels for construction .With circular economy , ERANOVA will upcycle An Algae waste to produce Biodegradable and /or recyclable Packaging For the purposed project , GD 3.2.2000 ; ERANOVA schedule to build and operate a large Industrial demonstrator ( 50 ha land ) on a old industrial area to harvest 40 000 T wet Green Ulva biomass and reducing more than 4 000 t/year CO2 while producing nearly 5 000 t /year of various polymers and coproductFrom the 5 000 t dry of polymers and coproducts , ERANOVA will formulate 10 000 t/year Biomaterials as well as 12 000 t/year composites** **+key words : Circular Economy , Blue economy , Recycling , Upgrading Algae bloom , Macro Algae Harvesting ;Biorefinery , Extraction of Starch , Fibers , Hydrolyzed proteins ; formulation , biomaterials ; composites , Building Industry ,packaging , algae value chain , nutrition**  |

**Organisation information**

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| **Organisation and country: ERANOVA - France** |
| **Type of organisation:****□ Enterprise □ SME □ Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?****□ Yes □ No** |
| **Web address: www.eranovabioplastics.com** |
| **Description of the organisation:****Biotechnology § production SMEMain activity : Production of Biomaterials upcycling Algae waste Biomass for Circular Blue Bio Economy** |

**(\*) Contact details**

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**(\*) –Mandatory**