



Ca' Foscari  
University  
of Venice

**PROJECT ACRONYM AND TITLE:** Large scale RESToration of COASTal ecosystems through rivers to sea connectivity

**FUNDING PROGRAMME:** HORIZON 2020

**CALL:** Green Deal Call 2020

**HOST DEPARTMENT:** Department of Environmental Sciences, Informatics and Statistics

**SCIENTIFIC RESPONSIBLE:** Critto Andrea

**FINANCIAL DATA:**

Project total costs	Overall funding assigned to UNIVE
€ 17.823.756,00	€170.000,00

**ABSTRACT:**

REST COAST will demonstrate to what extent upscaled coastal restoration can provide a low-carbon adaptation, reducing risks and providing gains in biodiversity for vulnerable coastal ecosystems, such as wetlands or sea grass beds. By overcoming present technical, economic, governance and social barriers to restoration upscaling, REST COAST will develop the large-scale river-coast connectivity and increase the nearshore accommodation space for the resilient delivery of coastal ecosystem services (ESS). These selected ESS (risk reduction, environmental quality and fish provisioning) touch urgent coastal problems such as the erosion/flooding during recent storms or the accelerating coastal habitat degradation that seriously affects fisheries and aquaculture. By enhancing these ESS under present and future climates at 9 Pilots that represent the main EU regional seas (Baltic, Black, North, Atlantic and Mediterranean) we shall increase the commitment of citizens, stakeholders and policy makers for a long-term maintenance of restoration. Such commitment will go together with a transformation of governance and financial structures, supported by evidence-based results on restoration benefits for the welfare of coastal societies and assets. This transformation will build upon the results from hands-on restoration at the Pilots, steered by the multidisciplinary project advances. Combining new techniques, risk assessments, innovative financial/governance arrangements and homogeneous metrics for ESS and biodiversity, REST-COAST will develop a systemic approach to coastal restoration based on a scalable coastal adaptation plan. The plan will underpin a transformative change in governance and policies, proving the importance of the coastal dimension in the EU Green Deal for

Planned Start date	Planned End date
1 <sup>st</sup> October 2021	28 <sup>th</sup> February 2026

**PARTNERSHIP:**

<b>1</b> CY Paris University	Paris (FR)	Coordinator
<b>2</b> Università Ca' Foscari	Venezia (IT)	Partner
<b>3</b> POLITECNICA DE CATALUNYA	Cataluña (ES)	Partner
<b>4</b> FUNDACIO EURECAT	Cataluña (ES)	Partner
<b>5</b> GCF - GLOBAL CLIMATE FORUM EV	Berlin (DE)	Partner
<b>6</b> STICHTING DELTARES	Delft (NL)	Partner
<b>7</b> INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT	Paris (FR)	Partner
<b>8</b> UNION INTERNATIONALE POUR LA CONSERVATION DE LA NATURE ET DE SES RESSOURCES	Gland (CH)	Partner
<b>9</b> PENSOFT PUBLISHERS	Sofia (BG)	Partner
<b>10</b> ALBIREM SUSTAINABILITY, S.L.	Barcelona (ES)	Partner
<b>11</b> UNIVERSIDAD POLITECNICA DE MADRID	Madrid (ES)	Partner
<b>12</b> Departament de Territori i Sostenibilitat - Generalitat de Catalunya	Catalunya (ES)	Partner
<b>13</b> Dirección General de la Costa y el Mar	Madrid (ES)	Partner
<b>14</b> CONSORCIO CENTRO INTERNACIONAL DE INVESTIGACION DE LOS RECURSOS COSTEROS	Cataluña (ES)	Partner
<b>15</b> HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL-UNDKUSTENFORSCHUNG GMBH	Geesthacht (DE)	Partner
<b>16</b> Niedersächsischer Landesbetrieb für Wasserwirtschaft, Küsten- und Naturschutz	Berlin (DE)	Partner
<b>17</b> FONDAZIONE CENTRO EURO-MEDITERRANEO SUI CAMBIAMENTI CLIMATICI	Lecce (IT)	Partner
<b>18</b> CORILA - CONSORZIO PER IL COORDINAMENTO DELLE RICERCHE INERENTI AL SISTEMALAGUNARE DI VENEZIA	Venezia (IT)	Partner
<b>19</b> Provveditorato Interregionale alle Opere Pubbliche per il Veneto - Trentino Alto Adige -Friuli Venezia Giulia	Venezia (IT)	Partner

