

B.1 Lead partner/project partner		
Partner role in the project	Project partner	
Name of organisation in original language	Politecnico di Torino	
Name of organisation in English	Polytechnic University of Turin	
Abbreviation of organisation	POLITO	
Department/unit/division (if applicable)	DIATI - Department of Environment, Land and Infrastructure Engineering	
Country (NUTS 0)	Italy	
Region (NUTS 2)	Piemonte	
Sub-region (NUTS 3)	Torino	
Postal code, city, street, etc.	Corso Duca degli Abruzzi 24, 10129 TORINO	
Website	www.polito.it/DIATI	
<u>Legal and financial information</u>		
Type of partner	Public University	
Legal status	public	
VAT number (if applicable)	00518460019	
Other national identifying number (if no VAT number is provided)	Max 200 characters	Type of identifying number (e.g. registry number, tax no) Max 200 characters
Legal representative	Rector Prof. Marco Gilli	
Contact person	Prof. Roberto Revelli, Ing. Emanuele Quaranta	
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<u>a. Competences</u>	<p>The Politecnico di Torino, founded in 1906 from the roots of the Technical School for Engineers, is a centre of teaching and research, and one of the most important universities in Europe for engineering and architecture studies, strongly committed to collaboration with international institutions, high-tech companies and governmental bodies. Advanced research fields and top quality education include all areas of engineering and architecture sciences: Industrial engineering, Environmental Engineering, Information Technologies, Civil Engineering, Management Engineering, Architecture and Design. The Department of Environment, Land and Infrastructure Engineering (DIATI) is committed to the development of research and training in the sectors connected to environment, resources and land, hydraulics, transportations and related technologies aimed at protecting and ensuring the sustainable use of resources. The variety and complexity of these areas is reflected in the department's extensive range of areas involved. This spans over pure and applied sciences, with particular reference to: environmental, land and resource engineering, tunnel construction, quarry, mines and underground fluids reservoirs, hydraulics, hydrology, transportation, environmental and workplace safety, identification and cleanup of contaminated sites, environmental compatibility assessments, environmental management systems: in short, all the engineering</p>	

	<p>applications of earth sciences - hydraulics, geodesy, geology, geophysics, geotechnics, geomechanics, geomatics, geohydrology - and natural and economic sciences regarding the land and environment. In particular, the research group has detailed competence in fluid mechanics, river mechanics, water quality and hydraulic network, ecohydraulic, hydraulics-history and landscape, hydropower systems, renewable energy production by mini-hydro, water and agriculture, groundwater. High competences are also related to the water management and to the land governance.</p>
<u>b. Role in the project</u>	
<u>c. EU/international projects experience</u>	<p>Department DIATI is strongly committed to the European framework programme and it has been involved in several european project, also belonging to Structural Funds, aside from national grants. Diati joined 5 interreg project, 2 LIFE+, 7 projects under the 7PQ, 1 project under the recent H2020 funding and an ERC on water issues. The projects allow to the Department to carry on research activities with about 5million€ granted, developing strong expertise in managing participation in European consortia.</p>