

GENERAL INFO ON THE CALL FOR CAPITALISATION PROJECT PROPOSALS

In the context of this call for proposals, capitalisation projects should capture the most promising short-term results (outputs) and long-term results outcomes (outcomes) of the projects and initiatives identified in the ToRs and aim as follows:

1. Transfer and exploitation of results

- Developing innovative approaches/methodologies which combine the knowledge, experience and results of the projects identified in the ToRs and reinforce their impact, reach and magnitude;
- Promoting the re-use and/or transfer of the knowledge and results produced by the projects, extending their impact and geographical scope.

2. Reinforcement of networks

- Building new and reinforce existing networks/clusters at national and regional level which associate the organisations coming from the different initiatives as described the ToRs in order to reinforce cross-border and cross-sector cooperation;
- Reaching and involving new target groups/type of stakeholders.

3. Strategic dissemination and awareness of policy-makers

- Making the knowledge and results generated by projects more accessible, thus turning data into knowledge;
- Raising awareness and improving communication of results with key sector stakeholders (considering different types of expertise - academic, technical, regulatory, policy, etc. - and geographic levels – including local, regional and national scale);
- Supporting policy-oriented innovations and development by fostering the mainstreaming of good practices into local, regional and national public policies.

Considering the current context marked by COVID-19 pandemic and in view of the global economic downturn, applicants are encouraged to support the development of new intervention models that can foster the socio-economic regeneration across the cooperation area.

In particular, project proposals should integrate innovative actions which focus on:

- The creation of jobs, businesses, startups, social enterprises;
- The transition to carbon-neutral economies in order to maximise the creation of green jobs, businesses and investments;
- The efficient delivery of social care services making most use of technology transfer, innovation and research in the fields of ICT;
- The support to the most vulnerable people, including youth, disabled, unemployed and elderly dependent.

Overarching Objective B: ADDRESS COMMON CHALLENGES IN ENVIRONMENT

Thematic Objective B.4: ENVIRONMENTAL PROTECTION, CLIMATE CHANGE ADAPTATION AND MITIGATION

Priority B.4.1:

Support sustainable initiatives aimed at finding innovative and technological solutions to increase water efficiency and encourage use of non-conventional water supply

Water-use efficiency is key to effective water-demand management. The main quantitative opportunity for savings concerns the agricultural sector and domestic use. Some progress has already been made in almost all countries of the Programme area with respect to overall water-use efficiency (domestic and irrigation combined), but there are still many challenges ahead. Improving water efficiency may include a wide array of interventions and technological solutions. In agriculture, for instance, initiatives may combine improved water control, improved land management and a range of agronomic practices. Training initiatives targeting farmers and awareness campaigns aimed at citizens are also important aspects that need to be considered.

On the supply side, extending water supply outreach and access to safe drinking water for most of the population is an important challenge for the Programme. It is important to remember that nearly 20 million Mediterranean people still have no direct access to drinking water, especially in the rural areas of the southern shore. Water supply through non-conventional sources has the positive direct advantage of reducing the pressure on freshwater. Such solutions may include a wide array of technologies, like using return water from agricultural drainage, reuse of treated wastewater for irrigation purposes, desalination of plants, etc.

An important additional benefit and expected result of this priority is the enhancement of cooperation and efforts among Mediterranean administrations and specialised institutions. This cooperation can promote integrated planning initiatives based on technologies suitable to the context, as well as networks on water in agriculture with broad involvement of practitioners and other stakeholders throughout the Mediterranean region who can compile, disseminate and further develop technological solutions.

TABLE OF INDICATORS

| <u>EXPECTED RESULTS</u> | <u>RESULT INDICATORS</u> | <u>INDICATIVE LIST OF OUTPUT</u> | <u>OUTPUT INDICATORS</u> |
|--|--|---|--|
| <ul style="list-style-type: none"> Increased adoption of innovative sustainable water-efficiency technologies and systems in agriculture by public authorities, specialised agencies and other relevant stakeholders. | <ul style="list-style-type: none"> Surface in ha. of land irrigated with treated wastewater and nonconventional water or equipped with modern and efficient irrigation systems. Number of measures and initiatives to showcase, exchange, test and transfer water management solutions to end-users in the agricultural sector in view of improving water use efficiency and quality and use of nonconventional water resources in agricultural practices. Investments in up-scaling of appropriate technologies to increase water efficiency and use of non-conventional water supply systems for irrigation purposes. | <ul style="list-style-type: none"> Functional cross-border research networks on efficient water use and use of non-conventional water supply for irrigation purposes. New/enhanced cross border thematic practitioner networks on water in agriculture with broad involvement of different relevant stakeholders to compile, disseminate and further develop technological solutions and stakeholder dialogue and water governance approaches. Tailored training events on water-use efficiency and non-conventional water, addressed to farmers, practitioners and other relevant stakeholders. Initiatives/pilot projects to showcase, exchange, test and | <ul style="list-style-type: none"> Number of new or enhanced ICT solutions for water resources management in agriculture. Number of public / private actor alliances engaged in nonconventional and efficient water management plans. Number of local authorities applying integrated approaches for water cycle management in agriculture. Number of staff trained from different stakeholders who are involved in CBC-MED projects. Number of replicable technologies for water efficient use and use of nonconventional water. Number of organisations involved in WRM applying sustainable innovative water efficiency and nonconventional |

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| | | <p>transfer water management solutions (water-efficient irrigation, drip-irrigation, grey water/ wastewater treatment plants).</p> <ul style="list-style-type: none"> Water management and local governance plans in participating countries that integrate non-conventional water resources and water efficiency concerns. | <p>water technologies within local water governance frameworks.</p> |
| <ul style="list-style-type: none"> Support research and development for locally applicable and low-cost technologies for the use of non-conventional water resources for domestic purposes. | <ul style="list-style-type: none"> Number of technologies applied for the use of non-conventional water resources for domestic purposes. Number of measures and initiatives to showcase, exchange, test and transfer water supply and demand solutions to end-users in view of improving water use efficiency and quality and use of nonconventional water resources for domestic purposes. Volume (m3) of non-conventional water supply used for domestic purposes. | <ul style="list-style-type: none"> Tailored trainings and events to raise awareness on the use of nonconventional water resources for domestic water supply. New/enhanced cross - border thematic practitioner networks on domestic water supply with broad involvement of relevant stakeholders to compile, disseminate and further develop technological solutions and stakeholder dialogue and water governance approaches. Initiatives/pilot projects to showcase, exchange, test and | <ul style="list-style-type: none"> Number of staff trained from different stakeholders who are involved in CBC-MED projects. Number of local authorities applying integrated approaches for water cycle management in domestic water supply. Number of new or enhanced ICT solutions for water supply and demand management in urban areas |

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| | | transfer water management solutions (rooftop water harvesting, grey water/wastewater treatment plants, desalination plants). | |
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ANALYSIS OF THE PRESENCE OF ITALIAN STAKEHOLDERS / PARTNERS WITHIN THE PROJECTS HIGHLIGHTED FOR CAPITALISATION

| PROGRAMME | PROJECT TITLE | ITALIAN PARTNER | TERRITORIAL COLLOCATION | WEB REFERENCE |
|----------------|----------------|---|-------------------------|---|
| ENPI-2007-2013 | AQUAKNIGH-AQUA | SGI - Studio Galli Ingegneria SpA Napoli | CAMPANIA | http://www.gisig.eu/aquaknight |
| | | Dipartimento di Ingegneria idraulica e applicazioni ambientali - Università degli Studi di Palermo | SICILIA | http://www.gisig.eu/aquaknight |

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|----------------|----------|---|----------|---|
| | | IRIDE ACQUA GAS SpA Dipartimento Ricerca e Sviluppo - Genova | LIGURIA | http://www.gisig.eu/aquaknight |
| ENPI-2007-2013 | GMI | ANCI Sardegna | SARDEGNA | http://gmiproject.eu/ |
| | | Camera di commercio di Cagliari | SARDEGNA | http://gmiproject.eu/ |
| ENI- CBC MED | MEDISS | Ente Acque della Sardegna | SARDEGNA | http://www.enicbcmed.eu/projects/mediss |
| | | Università degli Studi di Cagliari | SARDEGNA | http://www.enicbcmed.eu/projects/mediss |
| ENI- CBC MED | MENAWARA | University of Sassari - Desertification Research Centre (NRD-UNISS) | SARDEGNA | http://www.enicbcmed.eu/projects/menawara |
| | | Centre International de Hautes Études Agronomiques | PUGLIA | http://www.enicbcmed.eu/projects/menawara |
| ENI- CBC MED | NAWAMED | Provincia di Latina | LAZIO | http://www.enicbcmed.eu/projects/nawamed |
| | | SVI.MED. - Centro Euromediterraneo per lo Sviluppo | SICILIA | http://www.enicbcmed.eu/projects/nawamed |
| | | IRIDRA Srl | TOSCANA | http://www.enicbcmed.eu/projects/nawamed |

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| ENI- CBC MED | PROSIM | Istituto per la Cooperazione Universitaria Onlus (ICU) | LAZIO | http://www.enicbcmed.eu/projects/prosim |
| | | Regione Siciliana | SICILIA | http://www.enicbcmed.eu/projects/prosim |
| ENI- CBC MED | AQUACYCLE | ----- | ----- | http://www.enicbcmed.eu/projects/aquacycle |
| UfM | Capacity Building Programme on Water Integrity in the Middle East and North Africa | ----- | ----- | https://ufmsecretariat.org/project/capacity-building-programme-on-water-integrity-in-the-middle-east-and-north-africa/ |
| UfM | Overcoming Governance Challenges for the Mobilization of Financing in the Water Sector – Phase II | ----- | ----- | https://ufmsecretariat.org/project/mediterranean-water-governance/ |