

Newsletter n.3 of LIFE RINASCE Project

This is the third issue of the LIFE RINASCE project's newsletter.
It includes a summary of our latest activities and new appointments.

Restoration works: an update

After the completion of the design phases, the restoration work was carried out along the Collettore Alfieri canal, the Collettore Acque Basse Modenesi canal (C.A.B.M.) and the Diversivo Fossa Nuova Cavata.



Collettore Alfieri canal before the works



Collettore Alfieri canal after works (june, 2016)

To date, it has been possible to observe a first stage of evolution of restored canals, both during the full spring events, by verifying the correct hydraulic operation of the interventions, assessing the progress of the recolonization of the shores by the vegetation.

As a result of the summer drought, some plants were replaced which were either dry or compromised.

The planning of interventions along the Cavata Orientale canal continues. The final project was completed, accompanied by a study on environmental impacts.

The project was [approved](#) by Emilia-Romagna Region.

All preparatory activities were completed at the end of the executive planning and the subsequent implementation of the actions planned under action B.5 "Restoration of the Cavata Orientale".

The executive project is currently being drafted.

In the multimedia section of website, you can see the galleries with [pictures dedicated](#) to the works.

We remind you that all technical documents may also be consulted directly in the appropriate sections of the website dedicated to the canals subject of intervention:

[Collettore Alfieri](#)

[Diversivo Fossa Nuova Cavata](#)

[Cavata Orientale](#)

[Collettore Acque Basse Modenesi \(C.A.B.M.\)](#)

Innovative management of vegetation: Let's make the point of situation

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Developed and coordinated by the Central Emilia Reclamation Consortium

Corso Garibaldi n.42 - 42121 Reggio Emilia (ITALY) - Tel: 0522.443211 - Fax: 0522.443254

LifeRinasce@emiliacentrale.it

Among its implementation activities, the LIFE RINASCE project also includes experimentation, on some consortium channels, of innovative techniques for the management of vegetation, which aim to combine hydraulic safety and environmental improvement.

In this field, on the 23rd and 24th August 2017, new scattering tests were carried out along the Cavo Bruciati Dir 1 ° canal by performing speed and hydrometric level measurements in three "pilot" situations: no mulch of vegetation, alternating mud and full mulching. The results obtained are now being processed.

The LIFE RINASCE project at Koblenz meeting

On June 27-28, 2017, was held in Koblenz (GER) at the headquarters of the Federal Institute of Hydrology (BfG), an important meeting entitled "One River-Many Interests".

The event was organized by LIFE-IP Living River Lahn, an integrated German project coordinated by the Hessian Ministry of the Environment.

LIFE projects from Austria, Belgium, Croatia, Finland, Germany, Hungary, Italy, Luxembourg, Slovenia, Spain and the UK have thus been able to compare the issue of River Restoration within several dedicated sections scheduled on the first working day.



Opening works



Group photo with some participants

The second day of the event was dedicated to a field trip over the course of the rivers Rhine, Moselle and Lahn.

[Picture gallery](#)

LIFE RINASCE intermediate conference



Arriving in the middle of its course, the LIFE RINASCE Project organized its Intermediate Conference, held on December 6, 2016, at the headquarters of the Reclamation Consortium in Reggio Emilia.

The dissemination event was organized in two thematic sessions coordinated by Domenico Turazza, General Manager of the Central Emilia Land Reclamation Consortium.

The first session gave ample scope to the project and the results achieved so far, while the second session was devoted to some river retraining experiences both at national and European level.

The conference was a success, with a public of agronomists, geologists, public sector engineers and university students, for a total of over 100 participants.

[To learn more](#)
[Picture gallery](#)

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All materials of technical meetings are available



After the meetings held on 12 and 27 May 2016 at the Third Tower of the Emilia-Romagna Region in Bologna, two more days of meetings organized by the LIFE RINASCE European Project were held, with the aim of further exploring the various issues already addressed in previously.

These events have also been addressed mainly to civil engineers and reclamation consortia, so to freelance professionals and university students involved.

During the meetings, in addition to the presentations of the topics under discussion, extensive discussion debates were held between the technical staff of the public bodies involved and the participants.

This was followed by an excursion to LIFE RINASCE's intervention sites.

The participation, even on this occasion, was wide, in fact, over the three days, there were altogether over 100 appearances.

All presentations and useful documents for an "in-depth look" are now available at the [dedicated section of the website](#) .

The knowledge network expands



One of the key aspects for the success of LIFE projects is the technical and scientific exchange with other similar projects. For this reason, LIFE RINASCE has initiated a series of contacts with other European Projects and with the bodies involved in water and reclamation canals management.

In addition to the participation in the Koblenz meeting already mentioned, the project also participated in a major meeting between several LIFE Italian projects organized on May 16, 2017 in the historic "Prodi" hall at the Headquarters of University of Bologna. The event, organized to celebrate the 25th anniversary of the LIFE program, saw the direct participation of the University, the European Commission and the Ministry of the Environment and the Protection of the Territory and the Sea.

As a result of the participation in the Networking Meeting in Bologna, following the initiative of AGROWETLANDS II (LIFE 15 ENV / IT / 000423), the Central Emilia Reclamation Consortium signed a Letter of Intent with the LIFE WSTORE2 projects (LIFE 11 ENV / IT / 000035), LIFE AQUALIFE (LIFE12 BIO / IT / 000231), LIFE HELPSOIL (LIFE12 ENV / IT / 000578), LIFE AGRICARE (LIFE13 ENV / IT / 000583).

[To learn more](#)
[Picture gallery](#)

But not only: on Thursday, May 25, 2017, in the surroundings of Mestre (VE), an intense day of confrontation and exchange of knowledge was held thanks to the guided tour of the hydraulic-environmental restoration of the canals realized over the last few years from the local Reclamation Consortium. Within the prevention strategy put in place by the Veneto Region, the contribution made by interventions on reclamation canals has come to fruition in a series of actions that could favor the natural Phyto-purification processes of the waters.

The "in field" day was attended by 22 employees of the Consortium, as well as about 30 technicians and officials from the Emilia Romagna Region, Po River Authority, AIPO, ARPAE, Park Management Bodies and Biodiversity of Central and Western Emilia, Parma Reclamation Consortium, Garda-Chiese Reclamation Consortium, Municipality of Carpi and Municipality of Bibbiano,



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"Zanelli" Institute of Reggio Emilia.

[Picture gallery](#)

Environmental protection: management of riparian vegetation and buffer strips



Among the most complex aspects in waterways and canals management there is undoubtedly the management of vegetation and its protection to ensure the mitigation of pollution through its natural buffer function.

For this reason, the consortium took part in a scientific event on the 6th of October 2017 in Marciano Val Di Chiana (AR), where there was talk of riparian vegetation and environmental restoration.

The activities will continue ...

The Project is now pursuing its activities.

It is at an advanced stage the executive design of restoration work provided along the Cavata Orientale canal in Carpi.

During January 2018, it is planned to start post-operative monitoring of the three restoration projects already carried out: Collettore Alfieri in the municipality of Gualtieri; Diversivo fossa Nuova Cavata in the Municipality of Carpi; and C.A.B.M. in the municipalities of Carpi and Novi di Modena.

The dissemination activity also continues: for 2018, a new study day will be organized at the worksite of the Cavata Orientale.

All the latest news is available on the website:

<http://ambiente.regione.emilia-romagna.it/life-rinascce>

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