



STRATEGIC PARTNERSHIP

Coopération for exchange of good practices

## The logo for PROGRESS consists of a stylized graphic of three green leaves of varying shades (light, medium, and dark green) on the left. To the right of the leaves is a black outline of a building with three vertical sections of different heights. Further right, the word "PROGRESS" is written in a bold, sans-serif font. "PRO" is in black, and "GRESS" is in a vibrant green color.

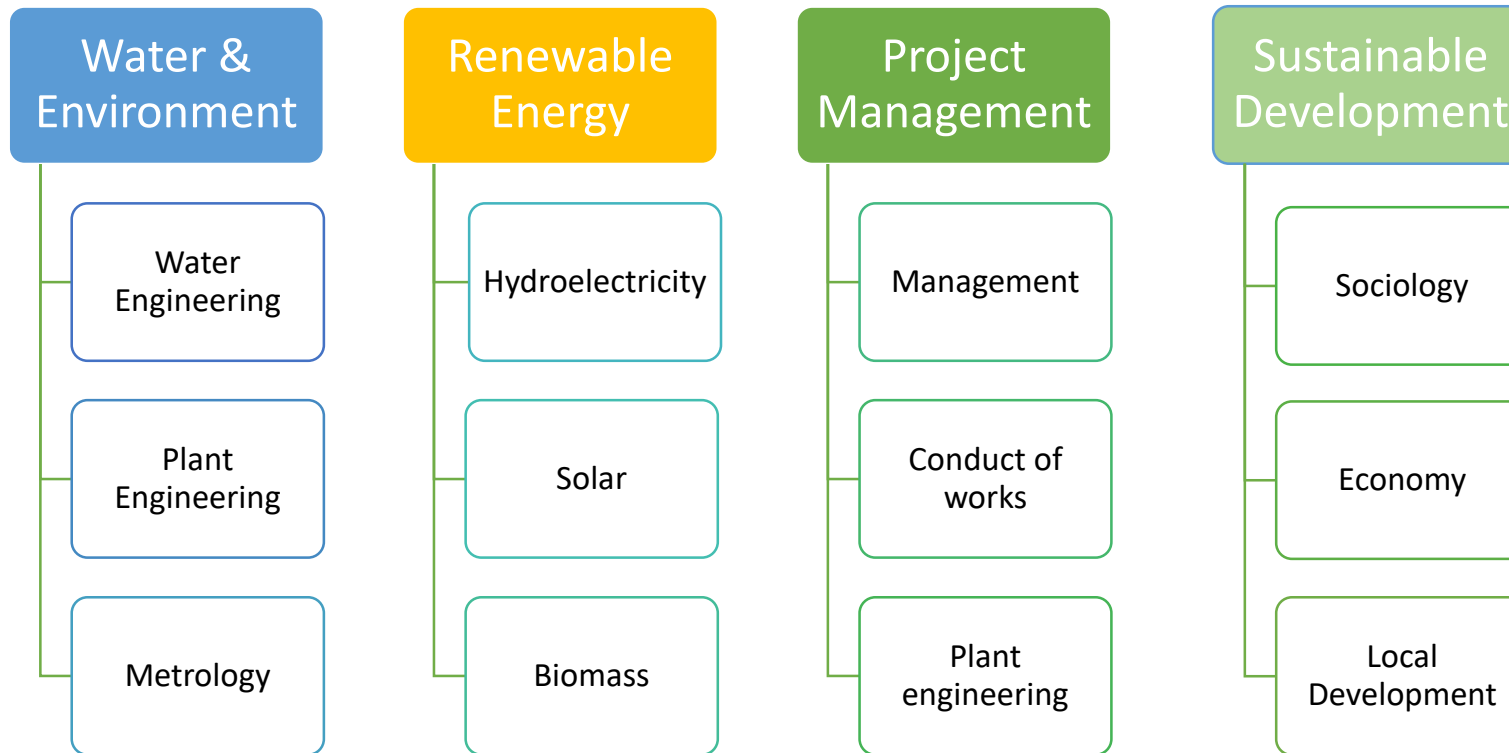
**Professional Training Program for the Management of Urban Green Spaces**



# Orchis Ingénierie



- Engineering Office in Water, Environment and Renewable Energy
- Cooperative created in 2014



# Our Core Business

## Local and integrated water management and plant engineering

- Restoring the natural cycle of water by the plant at the heart of urban planning and territorial development projects
- Alternative water management :  
Rainwater harvesting, phyto-purification, urban valleys, green roofs  
...
- Specificity on the Mediterranean environment



# Our Goal

- To enhance plant engineering in development projects
- To develop green spaces in the cities

**More green spaces = natural water cycle restoration**



# Cities in Europe

- 72 % of the EU population
  - 75 % of the EU energetic resources
  - 80 % of the EU greenhouse gaz emissions
  - 85 % of the EU GDP
- 
- The source and solution of today's economic, environmental and social challenges.
  - Drivers of the European economy, catalysts for creativity and innovation.
  - Source of persistent environmental, economic and social problems : Air and soil pollution, effects of heat islands, waterproofing and flooding ...



# Alternative Nature-Based Solutions

A relevant response to the environmental challenges facing cities.

## Solutions that rely on ecosystems:

- Ecoconstruction, integrated water management, plant engineering, differentiated management, urban valleys, shared gardens, etc.

**The good functioning of these ecosystems = benefits for our societies**

→ These solutions can significantly improve climate resilience and quality of life while contributing to a functional economy.



# Advantages



## Environmental

- Development of biodiversity,
- limitation of soil waterproofing,
- Restoration of the water cycle,
- Better air quality,
- Better thermal regulation
- ...



## Economical

- Involves many local jobs.
- Create indirect jobs linked to a better demographic, tourist and economic attractiveness of the cities and neighborhoods
- Increase estate value



## Social

- Promote people's health by relieving stress and encouraging physical activity.
- Places of meeting, parks, gardens and recreation areas reinforce the sense of belonging to neighborhoods, and more broadly to the community

# Many initiatives

## EU

- [7th Environmental Action Programme \(7EAP\)](#)
- To enhance the sustainability of EU cities by 2050
- European Green Capital Award (Hab <100K)
  - Nantes, 2013; Copenhagen, 2014
- European Green Leaf (Hab <50k >100k)
- Renaturing Cities

## National (France)

- Zéro phyto, Law on Biodiversity, Grenelle Environnement, Blue and Green Belts...

## Local

- Vegetalize the cities, Associations, local initiatives...



**The More = The Better !**



# Still facing difficulties

- Feedback
  - The limited experience feedback to public authorities and local authorities : overall costs, management and maintenance methods, sustainability and ecological interest)
- Maintenance
  - The need for regular maintenance raises concerns about additional operating and management costs for communities ...

# PROGRESS Project

## In order to

- Increase knowledge of alternative management techniques
- Fostering their development
- Have proofs for ROI in maintenance
- ...

## We want to

- Share and transmit experiments, methodologies and know-how on the implementation of alternative and sustainable management solutions of urban green spaces in different contexts (populations, uses, climate, cultures, representations, national law, politics, ...)



## How ?

Bring together professionals and players in the urban environment and green spaces

## The Target

→ **Professionals and actors of the environment and the green and natural spaces in urban areas:**

Entrepreneurs of the green areas, managers, engineers of the water and the plant, Educators, trainers, integration professionals, sociologists, Architects, town planners, Environmental associations, academics, experts in urban ecology, students ...

# An European Project



- One partner = different approach, different specificity
- Must bring a complementarity in the consortium about management of urban green areas.
- Some qualified partners
  - Eco-Union, Barcelona
  - GoodPlanet, Brussels
  - University of Copenhagen



# Eco-Union



Barcelona, Spain

Independent non-profit association created in 2005

Objective : To create and connect agents of change between different sectors of society, to catalyze the transition to sustainability.

Works : To promote a new Environmental culture in individuals and organizations throughout the world by reinforcing capacity building and advocacy.

Eco-Union has the ambition to be a Institution of reference in the transformation of society towards sustainability Environmental protection. Its ultimate goal is to ensure the well-being of present and Sustainable development.

# Good Planet



GREEN and GoodPlanet are Belgian non-profit organizations.

Their goal is to help young people and adults learn to live Sustainable development.

Since 1997, GoodPlanet has been developing and supporting groups and people.

To this end, GREEN designs projects, training and tools On topics such as energy, water, transport, Sustainable consumption, nature, etc.

GREEN encourages and supports groups and Participation in policy-making and is also active in the Development cooperation.

Department of Geosciences and Natural Resource Management (IGN) /  
Forest and Landscape College

The Forests and Landscape section is part of the Department of Geosciences  
and Natural Resource Management.

It offers Educational programs addressed to companies and managers of  
forests and Green spaces: courses, advice and support for development in  
the Forests and natural areas.

The University works in the development and Natural resource management,  
including forest management, Landscape, adaptation to climate change,  
planning, outdoor recreation, Environmental management, conflict  
management, and wildlife management

# Erasmus+ Strategic Partnership

"Strategic Partnerships for Cooperation and Exchange of Good Practices"

- To benefit from EU mobility grants
- To send people from partner countries
- To generate an exchanges of practices



# Planned Activities

→ 2 years, 5 activities, 4 European cities

→ Each partner organizes a training program in its country

| March 27 – 31<br>2017   | May 8 – 12 2017  | April 23 – 27 2018   | August 20 – 25<br>2018   | October 22 – 26<br>2018   |
|---|--|--|--|---|
| <ul style="list-style-type: none"><li>• Orchis Ingénierie</li><li>• Montpellier</li><li>• Launching Program</li><li>• Development and management of urban green and natural spaces.</li></ul> | <ul style="list-style-type: none"><li>• Eco-Union</li><li>• Barcelona</li><li>• Citizen Participation in Urban Green Spaces Management</li></ul> | <ul style="list-style-type: none"><li>• GoodPlanet</li><li>• Brussels</li><li>• Designing school Green Spaces for Children</li></ul> | <ul style="list-style-type: none"><li>• UCPH</li><li>• Copenhaguen</li><li>• Certified international park management course (2,5 ECTS)</li></ul> | <ul style="list-style-type: none"><li>• Orchis Ingénierie</li><li>• Montpellier</li><li>• Closing Program: Urban and Territorial Facilities: Water Management and Plant Engineering</li></ul> |



# Activity 1 : The management of urban natural areas

- This course presents experiences, practices and design approaches in green infrastructure based on vegetated solutions for green spaces and water management.
- A blended methodology, combining conferences, technical visits and workshops.
- Orchis Ingénierie and local partners
- 1 week - Montpellier (France)
- March 2017 / March 2018
- 30 Students
- Language : French (English Translation)



# Activity 2 : Citizen Participation in Urban Green Space

- This course will present experiences, practices and methodologies for citizen participation in urban green spaces management, approaching top/down and bottom-up, as social innovation theory and practice.
- A blended training methodology, combining master classes, technical visits and problem resolution in working groups.
- Eco-union and local partners (ICTA)
- 1 week
- May 2017 – Barcelona (Spain)
- 30 students
- Language : English



# Activity 3 : Designing school Green Spaces for Children

- The course will present experiences, practices and design approaches-based children users for primary/secondary schools.
- A blended methodology, combining master class, technical visits and group working.
- Good Planet and Partners
- 1 week - Brussels (Belgium)
- Spring 2018
- 30 Students
- Language : English



# Activity 4 : Certified international park management course

- The course will present experiences with sustainable management of green areas and focuses particularly on green climate adaptation
- solutions and use of plants in general. The course also presents the study results of operation of green storm water solutions
- University of Copenhagen
- 1 week
- Summer 2018 – Copenhagen
- 30 students
- Language : English
- **(2.5 ECTS)**



# Ultimate Objectives

- **Contribute** at a European level to the transfer of knowledge, methods and experiences on sustainable urban management practices;
- **Strengthen** the technical knowledge and alternative management methods of green spaces;
- **Control** the modalities and costs of managing and operating these spaces;
- **Encourage** citizen re-appropriation of urban green spaces, in particular through participatory management;
- **Bringing** together professional structures and actors in social integration
- **Create** a platform for sharing knowledge, methods, case studies & feedback.



For more information : [www.progress-project.eu](http://www.progress-project.eu)

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