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Session A3: LIFE+ Segura Riverlink, Implementing a Green Infrastructure Approach

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Presenter Information
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The Segura River Basin is characterized by **big climatic contrasts**: frequent droughts, torrential rains, recurrent floods, high temperatures and heavy frosts.
ENVIRONMENTAL PROBLEM TARGETED

• Geomorphic changes along the river
• Modification in the rivers flow regime
• Alteration of the water quality
• Creation of favorable habitats for exotic species
• Landscape effects
• Disruption of wildlifes natural motion paths
GENERAL FACTS

BUDGET  3.424.250 €  (49,83% EU)

PERIOD  01 August 2013 – 30 July 2017

LOCATION

PARTNERS
OBJECTIVES

The project aims to promote the environmental recovery of the Segura River by strengthening the connectivity between natural ecosystems in a highly fragmented river basin.

At a long-term view

- Fish habitat in good ecological status
- No future deterioration in fish migration
- The green highway of the Segura River will be free of obstacles
- Increase environmental awareness

[www.fromthesatoseasource.com]
MAIN ACTIONS

✓ Removal of an unused dam

✓ Eight fish passages

✓ Restoration of riverine vegetation

(Moratalla River, Murcia). 22-01-2014
Pool type Fishways

Rocky ramp

Bypass channel
✓ Monitoring and socio-economic assessment

- Operative indicators at fish passage systems.
- Fish community and populations.
- Bird community and river-bank associated fauna.
- Vegetation communities.
- Water and sediments.
- Socio-economic assessment.
Indicators
(1) Community metrics.
(2) Population metrics of sentinel indicator species.

Level of actions
(1) Regional – at the river sector.
(2) Local - at river stretches next to the obstacle.

Sentinel-fishes

*Luciobarbus sclateri* (Southern Iberian barbel)

*Gobio lozanoi* (Gudgeon)

*Pseudochondrostoma polylepis* (Nase)

*Alburnus alburnus* (Bleak)
✓ Social involvement and awareness
21-24 June. Murcia
Dankjewel!
Francisco Javier Sanz Ronda

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