

Climate Change in Vilanova i la Geltrú

Vilanova's Environmental Hazards



Flooding



Storm Surge



Heatwaves

How can Ecosystem-Based Approaches help?

Ecosystem-based approaches (EBAs) are green solutions to help restore ecosystems. EBAs help protect communities against environmental hazards.

Vilanova's *Coastal City Living Lab* met with community members to prioritise the most relevant EBA's for our region.

1

Combination of EBAs

Using multiple EBAs, including the rehabilitation of riverbanks, river bed restoration and increased river bank height, will protect against flooding.



Addressed Risks



2

Riverbank Restoration

Planting stabilising and climate change-resistant vegetation along the riverbank will reduce runoff, limit flood damage and prevent landslides.



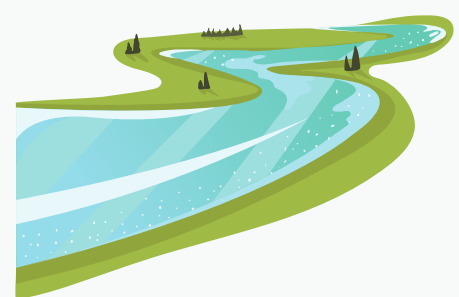
Addressed Risks



3

Riverbed Restoration

Restoring the original riverbed depth by removing concrete materials and vegetative debris will accommodate increased water flows and help avoid flooding.



Addressed Risks

