

EUROPEAN RIVERS SUMMIT, 20 NOVEMBER 2021

Prevent – Protect – Restore

Holistic freshwater strategy for the Western Balkans

An aerial photograph showing a rugged coastline. On the left, a dense forest of green trees covers a rocky shore. The ocean is a deep turquoise color, with white foam from waves crashing against the rocks. The text is overlaid on the right side of the image.

**OUR MISSION IS TO CONSERVE
THE LANDS AND WATERS ON
WHICH ALL LIFE DEPENDS.**

WHY TNC?

3,600
conservationists

1,300
prominent
volunteer leaders

72
countries

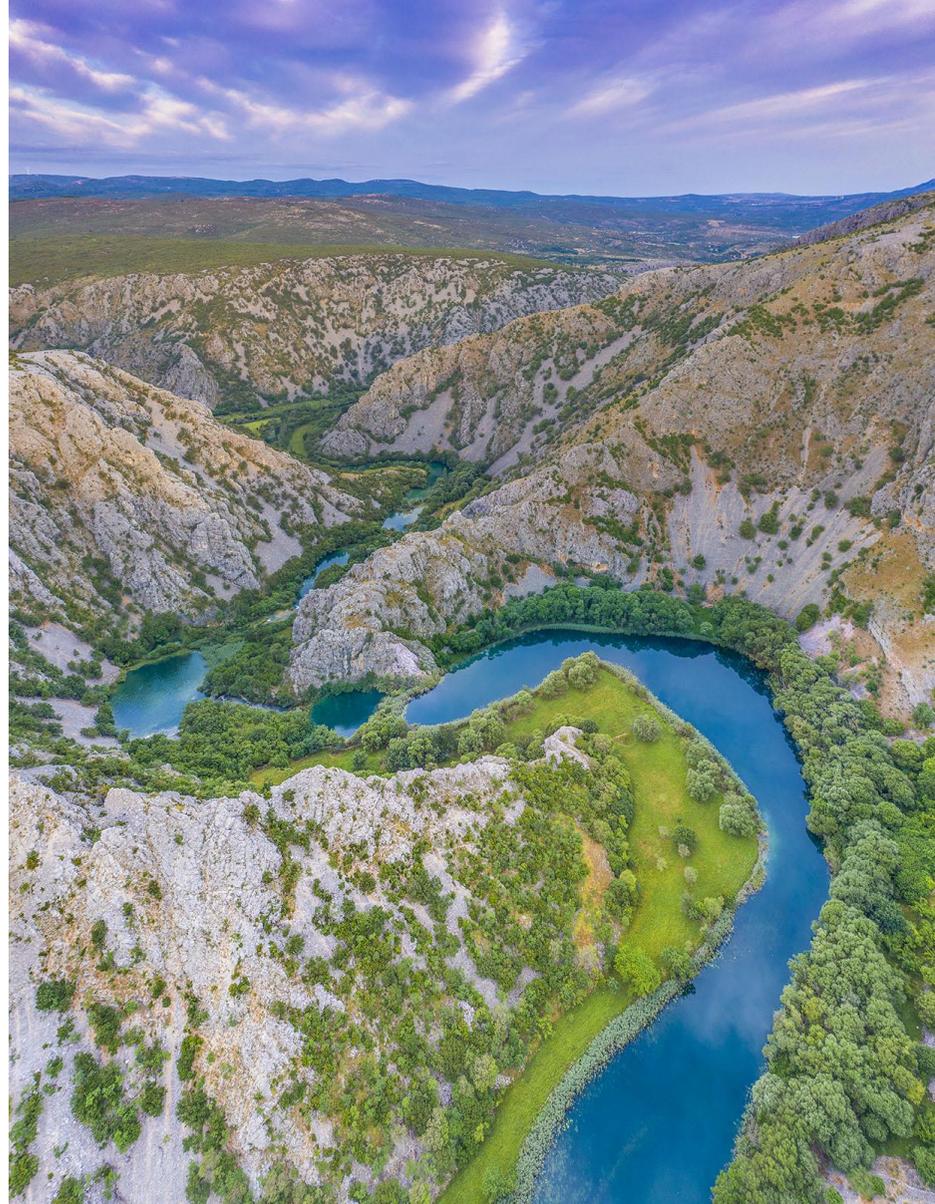
400
scientists

**A FAR-
REACHING
ALUMNI
NETWORK**
of leaders in the
conservation
community

50
U.S. states

1 MILLION
dedicated members





Risks

Hydropower continues to be an active threat to biodiversity and local communities.

Biodiversity and climate crises exacerbate each other and require systemic solutions.



Lesser spotted eagle



Balkan lynx



Brown bear (European)

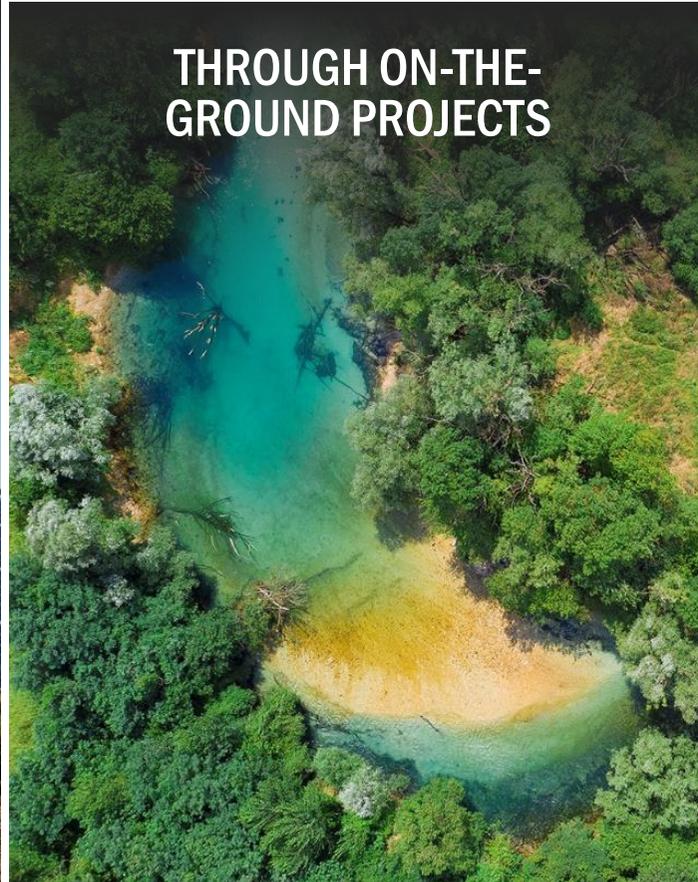
Prevent

TO AVOID
ADVERSE IMPACT



Protect

THROUGH ON-THE-
GROUND PROJECTS



Restore

BY REMOVING
BARRIERS



Prevent = Plan & Site renewables right



Zadar County's potential

1,118 MW

Suitable solar 555 MW
Suitable wind 563 MW



Croatia's target

2,132 MW

Solar target 768 MW
Wind target 1,346 MW

VS

52%

of Croatia's 2030
solar and wind targets
can be met in Zadar
County only.



72% of the solar target
41% of the wind target



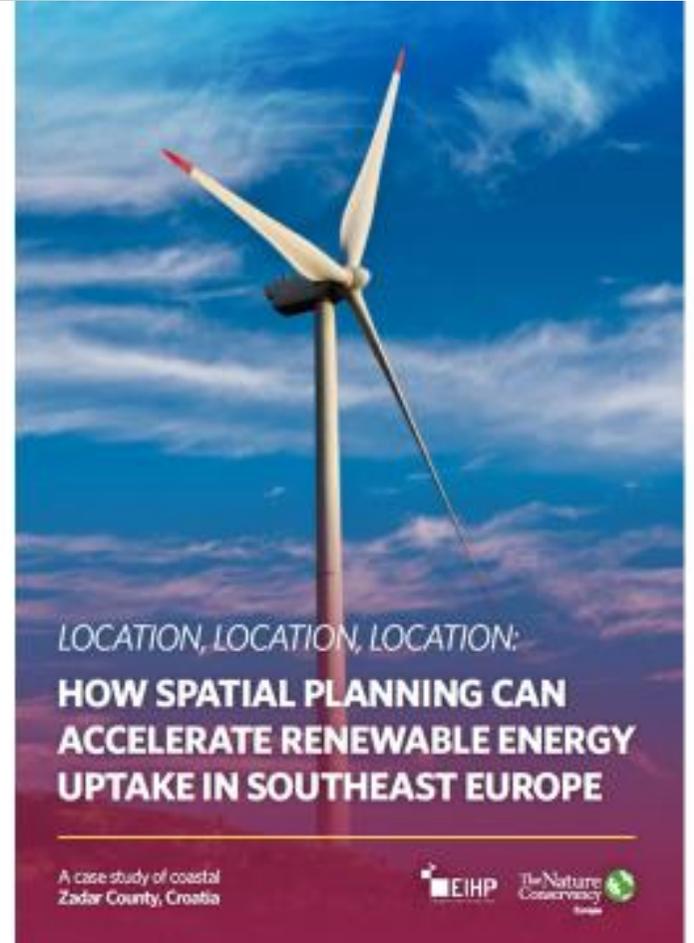
500,000 households could
be powered

1/3 of all Croatian households

8X all of Zadar County's households



431,350 metric tonnes of
CO₂ emissions
could potentially be
avoided annually



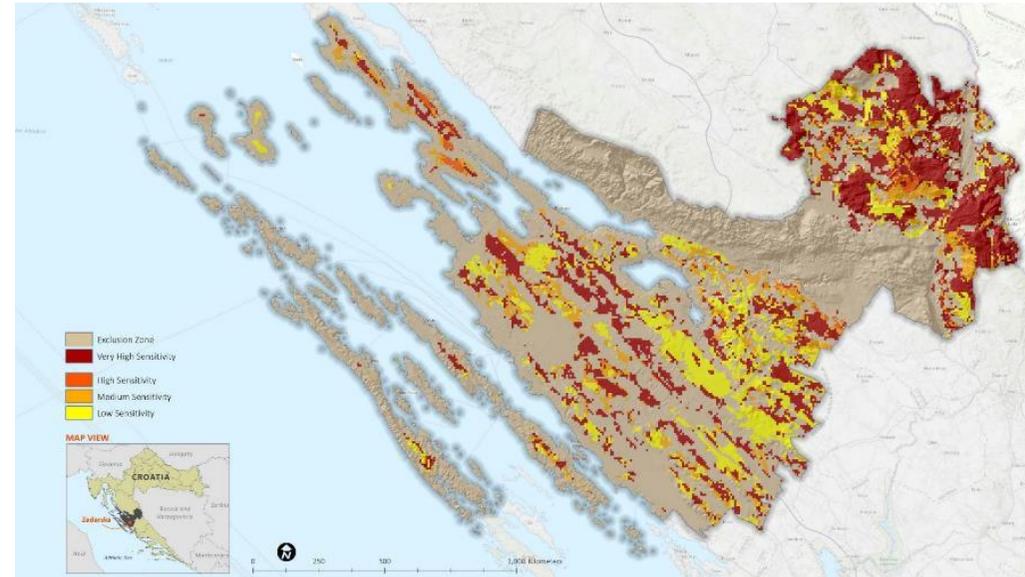
LOCATION, LOCATION, LOCATION:

**HOW SPATIAL PLANNING CAN
ACCELERATE RENEWABLE ENERGY
UPTAKE IN SOUTHEAST EUROPE**

A case study of coastal
Zadar County, Croatia



Solar PV: Technical suitability and enviro-social sensitivity



Solar PV:

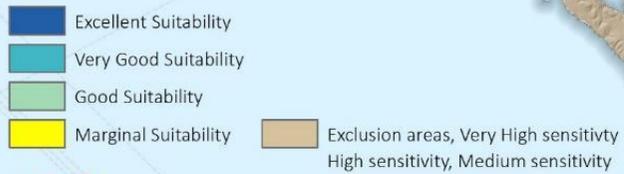
Suitability

Outside: Exclusion areas,
VH, H, M Sensitivity areas

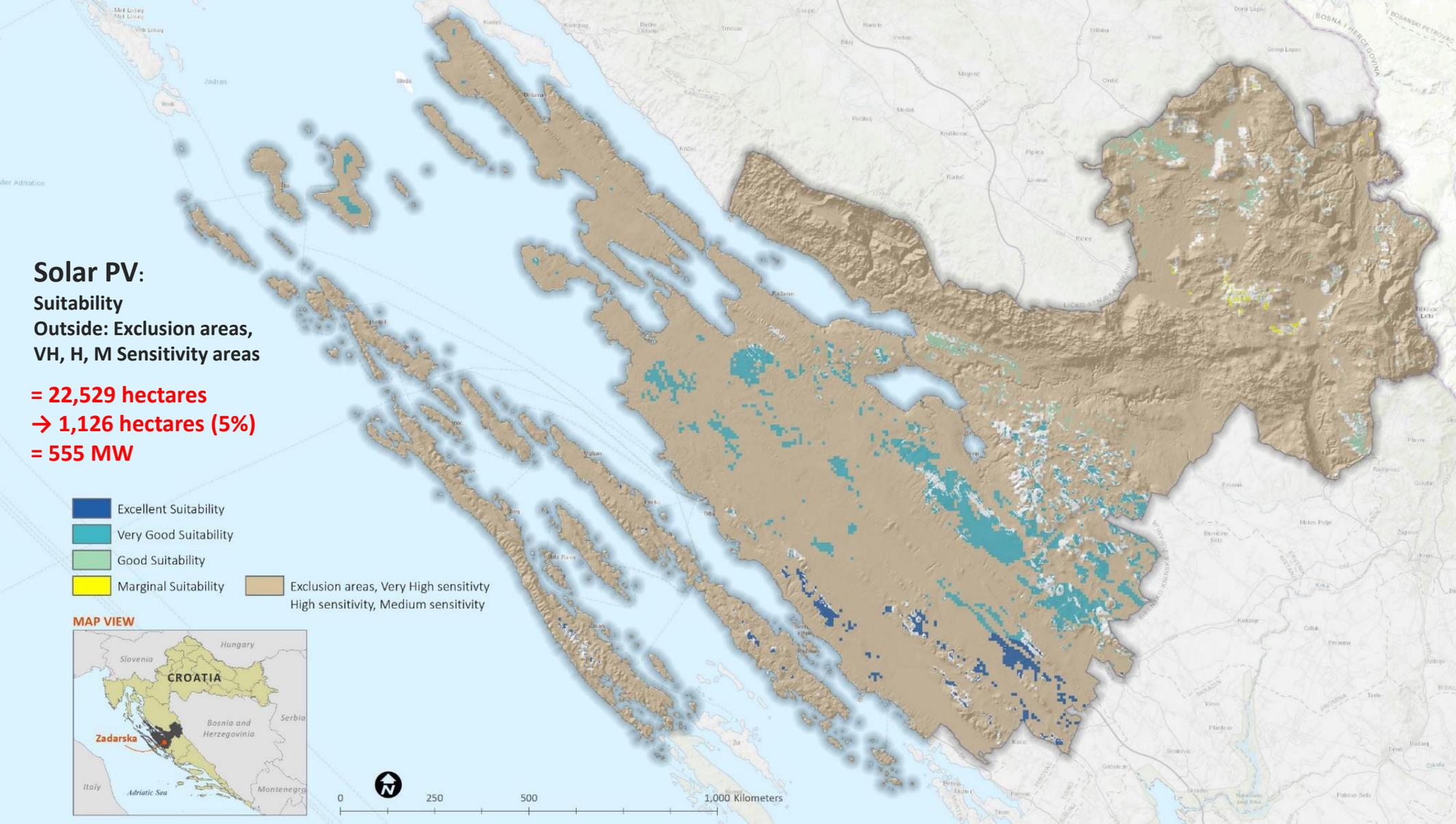
= 22,529 hectares

→ 1,126 hectares (5%)

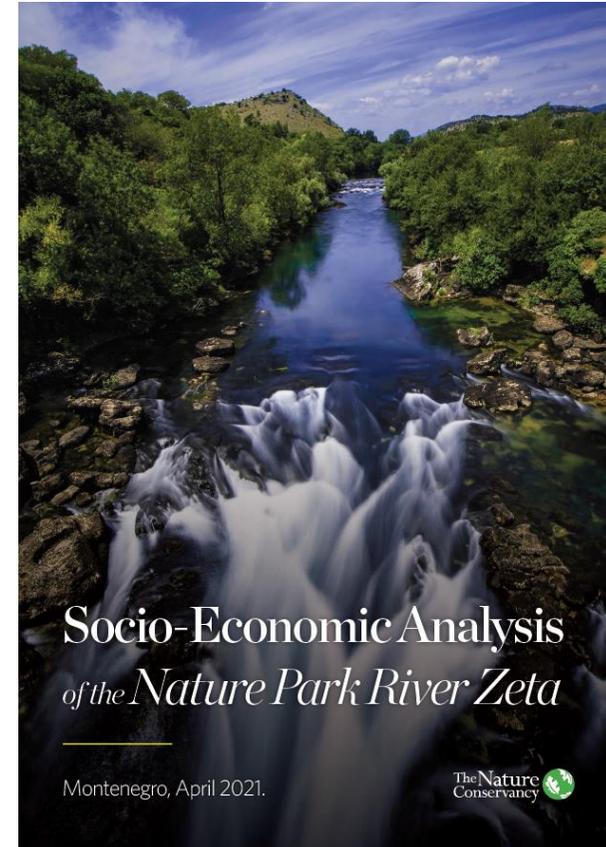
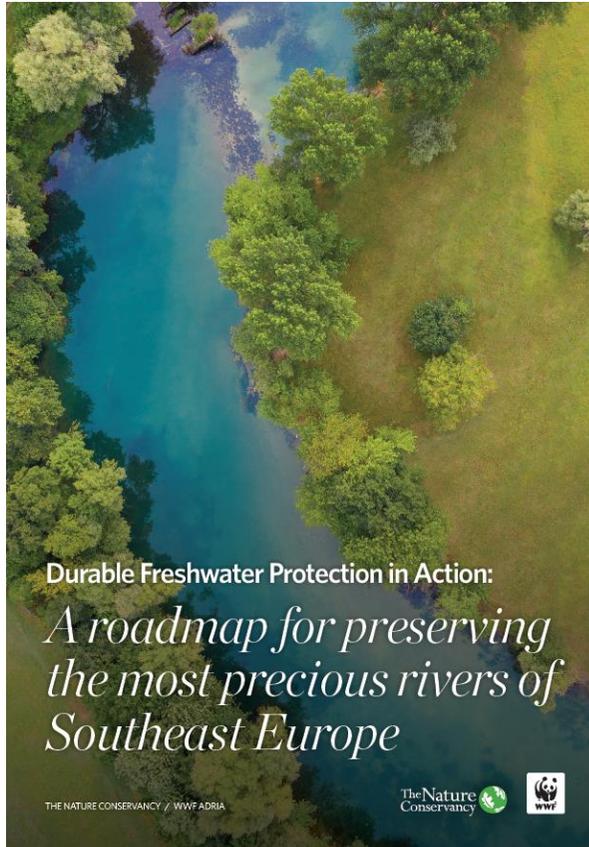
= 555 MW



MAP VIEW



Protect



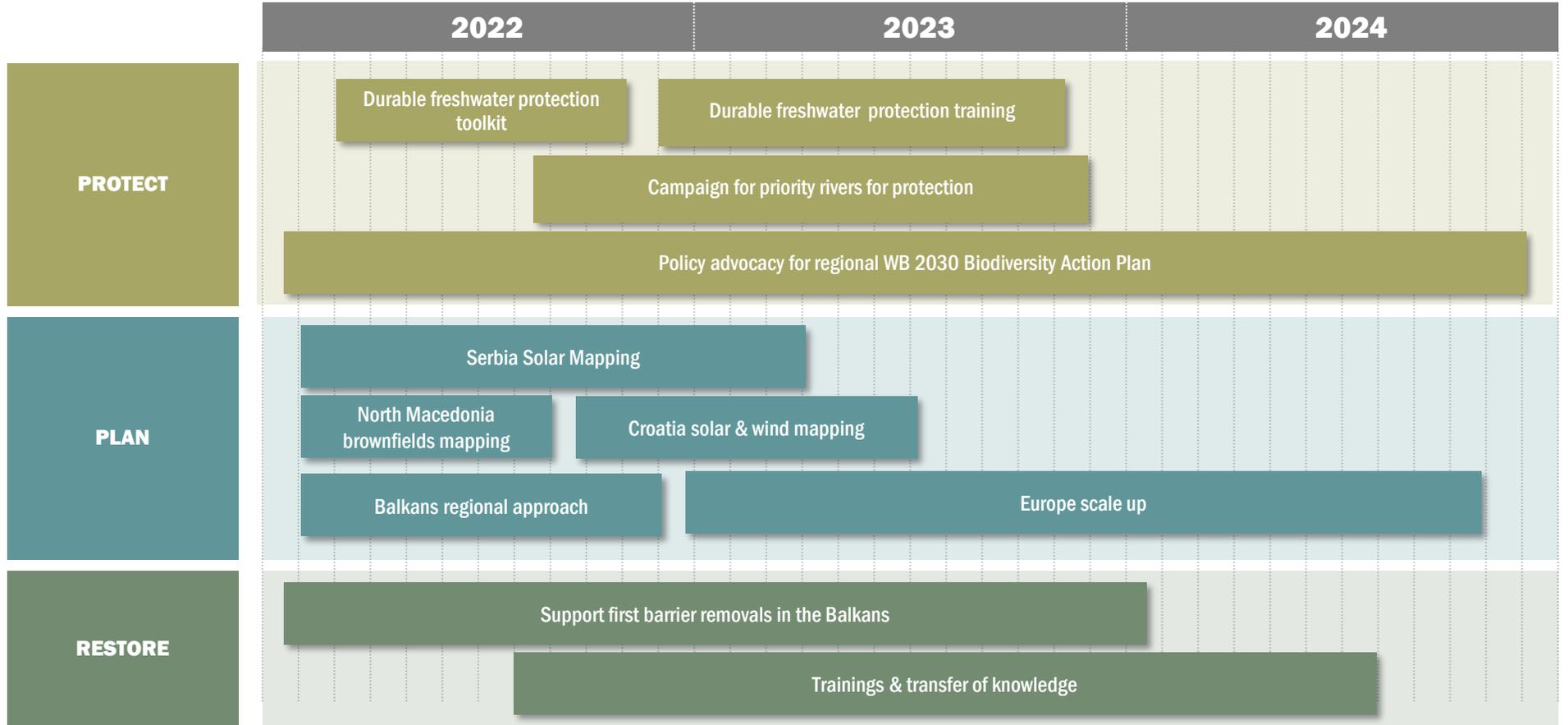


Restore



(c) WWF Adria. Barrier removal on Vezisnica rivers, first removal in the Western Balkans

Up next...



Thank you!



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