



What approaches could be highlighted to activate synergies between District Authorities and Biosphere Reserves? What could be the main recommendations?

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**Flood risk management and
Hydrogeological risk mitigation**
(Floods Directive 2007/60/EC)



**Water resource management and
protection**



Water quality
(Water Framework Directive
2000/60/EC)



**Management entity of the Po
Grande MAB Unesco Reserve**

8 Regions

Autonomous
Province of Trento

Emilia-Romagna

Liguria

Lombardia

Marche

Piemonte

Toscana

Valle d'Aosta

Veneto

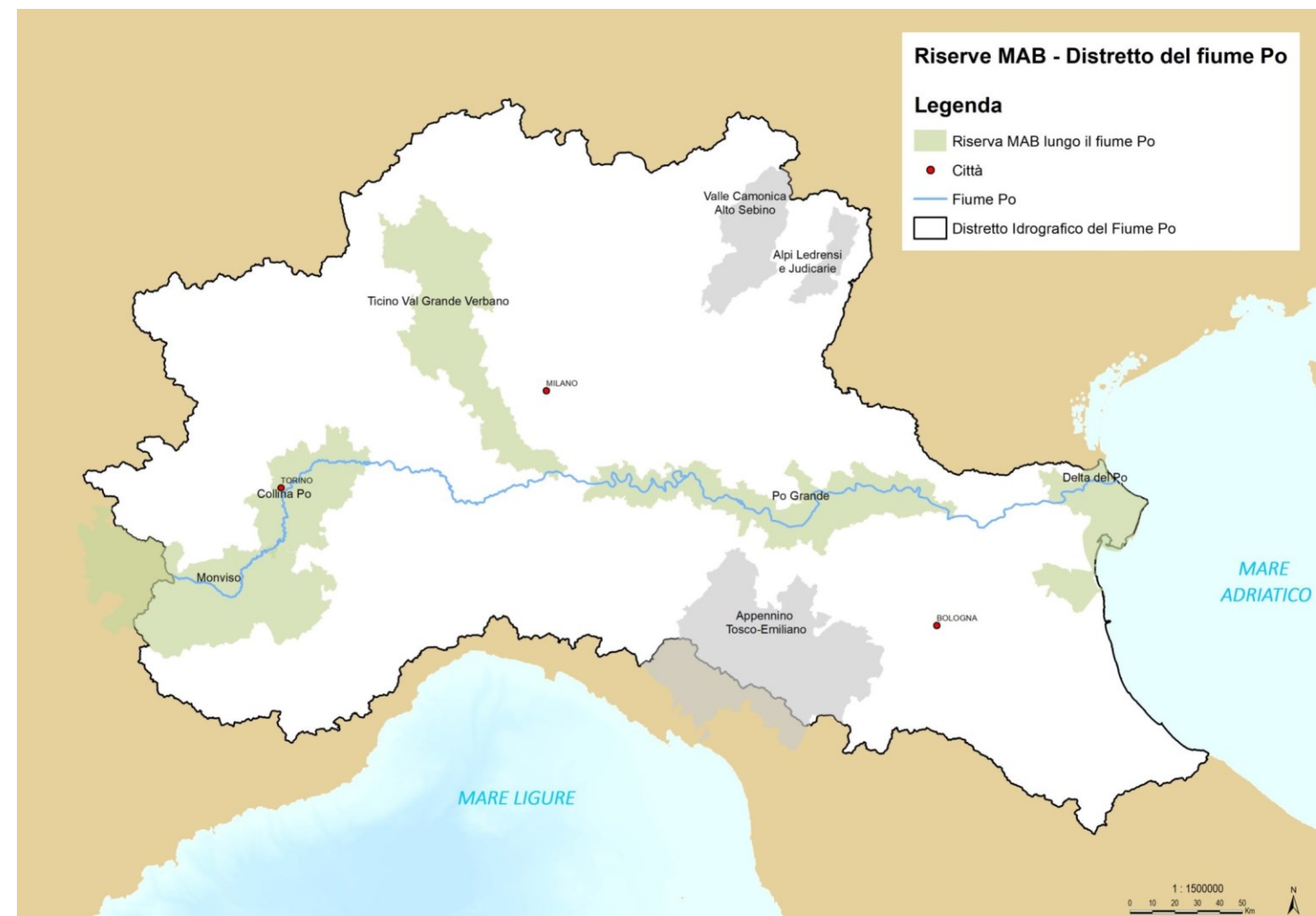
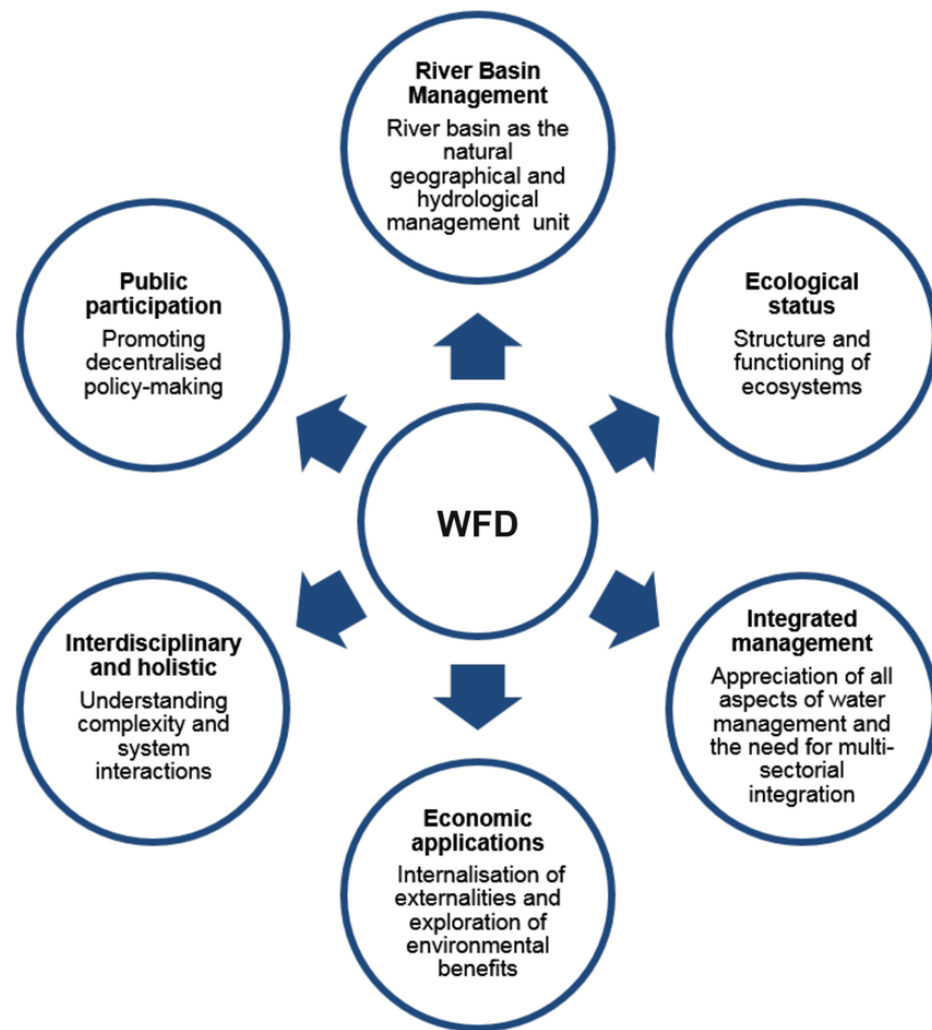
~ **20.000.000** Inhabitants

3.314 Municipalities (2024)

~ **86.800** km²

Surface of District
Included (FR, CH)







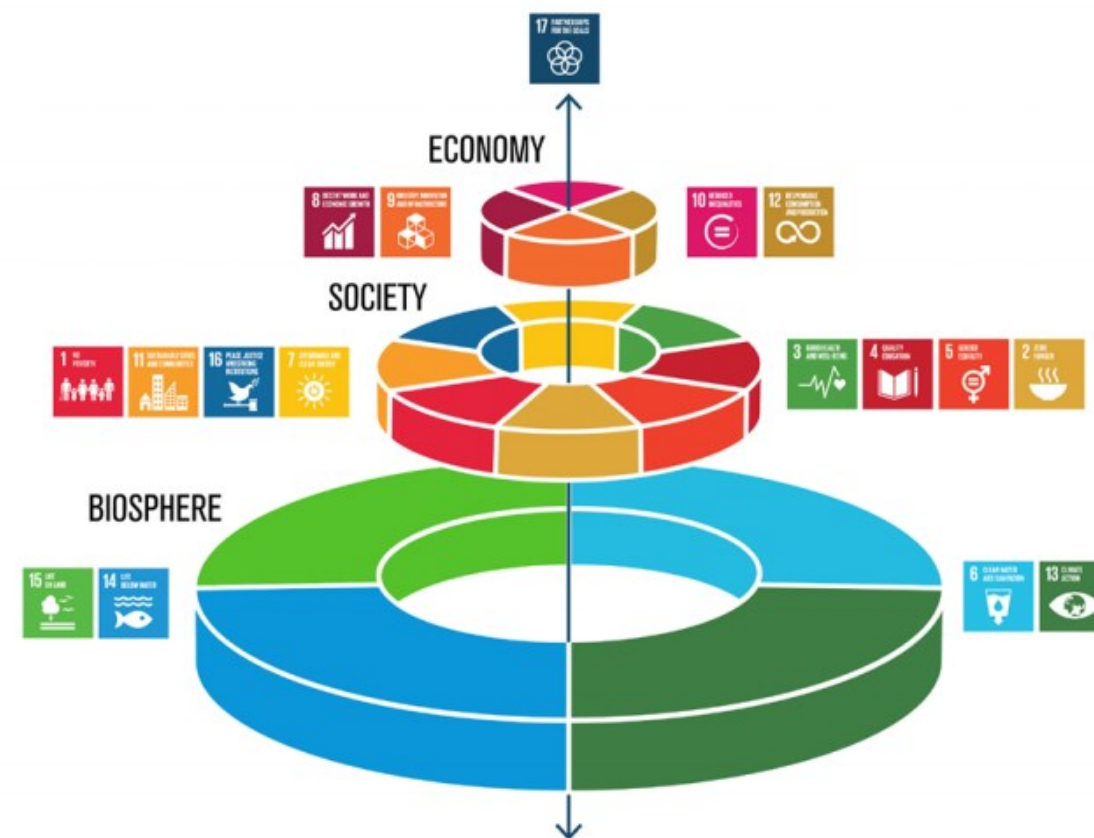
unesco

Biosphere Reserve



Mab Unesco Program since 1971

The UNESCO "Man & the Biosphere" Programme supports and enhances the territories in which communities pursue, through study and research, innovative approaches to economic development, appropriate from a social point of view and sustainable from an environmental point of view. The MAB Programme is projected into the future, acting concretely in the present.

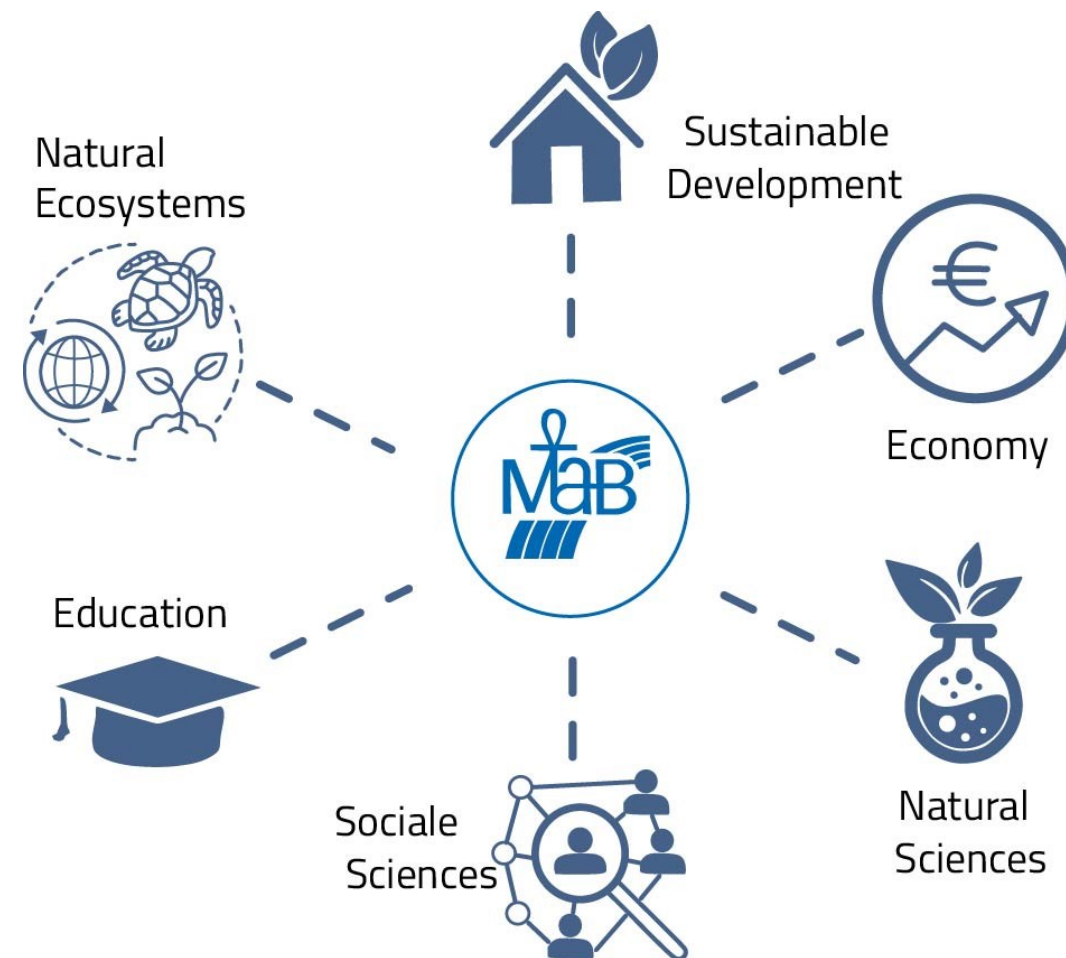


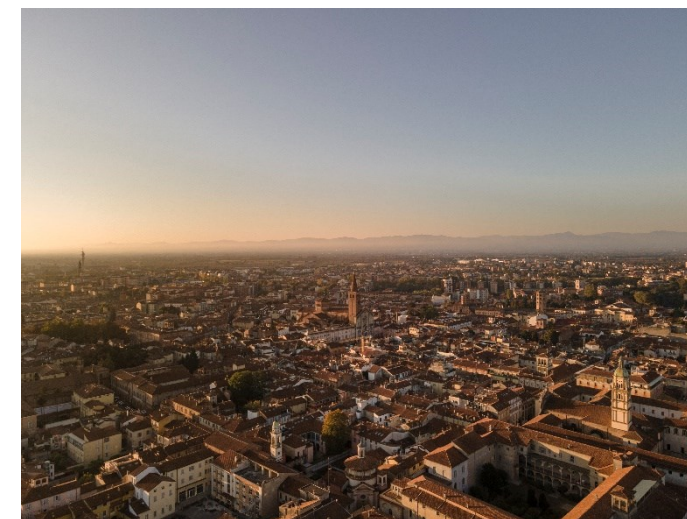
Fonte: J. Lokrantz/Azote in Rockström & Sukdev (2016) and Folke et al. 2016.

Agenda ONU 2030 → Lima Action Plan (2016-2025)



'Providing local solutions to global challenges'

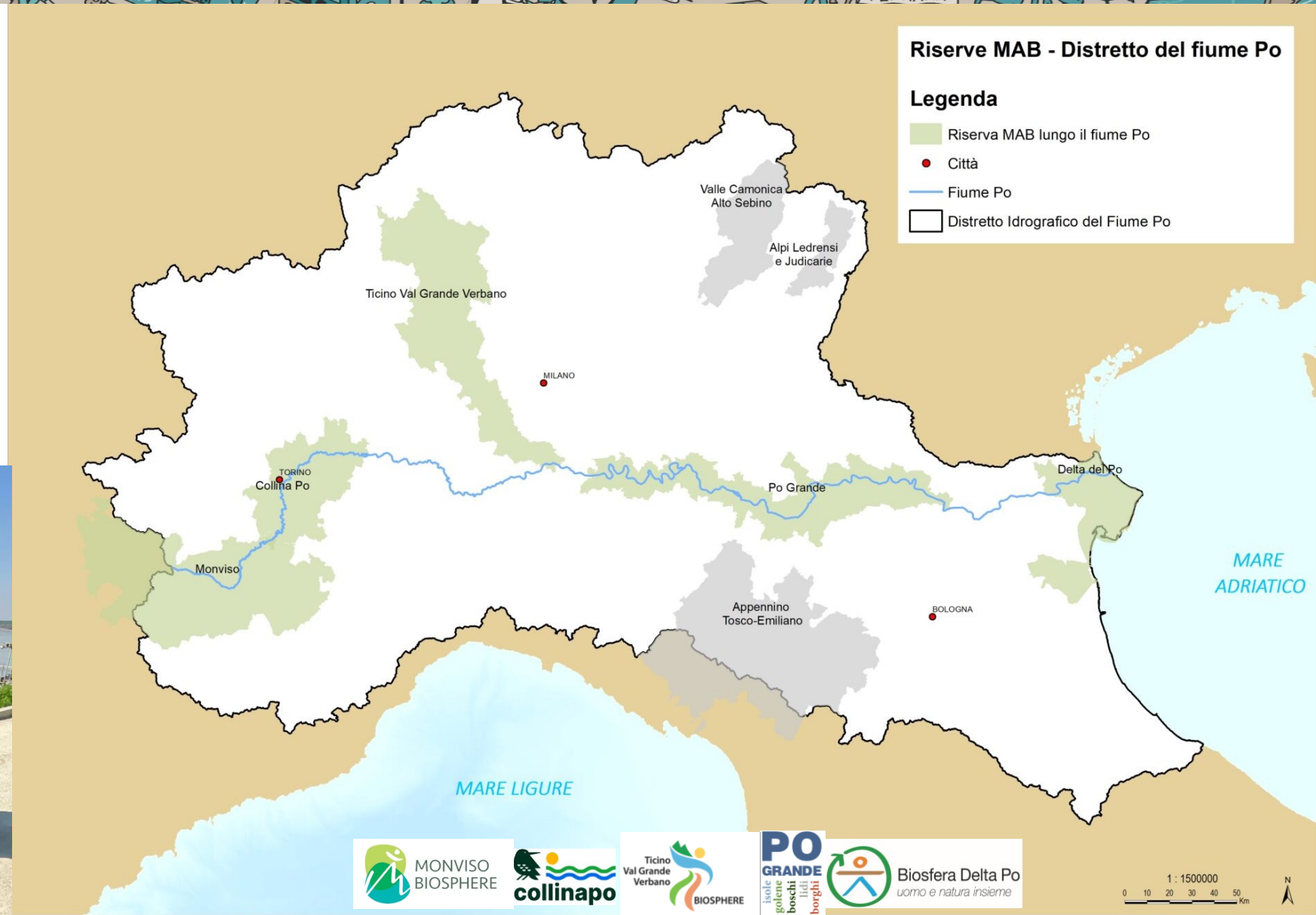






Why this area?

In April 2024, the first agreement between the UNESCO MAB Reserves along the River Po was signed, with the establishment of a union between five territories: Monviso, Collina Po, Ticino Val Grande Verbano, Po Grande and Delta Po.





Our commitment to the protection and restoration of biodiversity in the Po area



WATER QUALITY

Improve knowledge of pollutants transport to the sea

Links between Water Framework Directive and Nature Directives (Birds and Habitat)



ECOSYSTEM RESTORATION



LIFE
NatConnect
2030



Natural connections for Natura2000 in Northern Italy to 2030

ecological restoration of habitats and species and reducing the impact of invasive alien species

strengthen the governance of the Natura 2000 network and connection areas



THE VALUE OF NATURE

Enhancement of wetlands and their role in mitigating climate change

knowledge of the ecological values and ecosystem services provided by the river system



EDUCATION AND AWARENESS RAISING

The "Divento un Po Grande" Project supports the new generations of the UNESCO Po Grande MAB Reserve

Pilot awareness-raising action "Adopt the Sturgeon"



Main Challenges

- Political boundaries – provincial, regional
- Funding Opportunities – for projects and for personnel
- Logistics – not always easy to dialogue with people who you don't work with daily and are in different locations
- have a multidisciplinary approach to water resource management and use different languages according to the stakeholders engaged

Lessons Learnt

- the territory calls for coordination to help bring local actors into dialogue with higher authorities on common issues such as resource management
- Biosphere Reserves represent a useful common working table to create this dialogue
- The proper implementation of projects can lead to greater stability and continuity in the future
- Important to include local stakeholders in the planning of projects – they know the area best! (although often easier said than done)





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