



How EU Green Deal Policies & Strategies can promote Forest Fire Prevention & Management

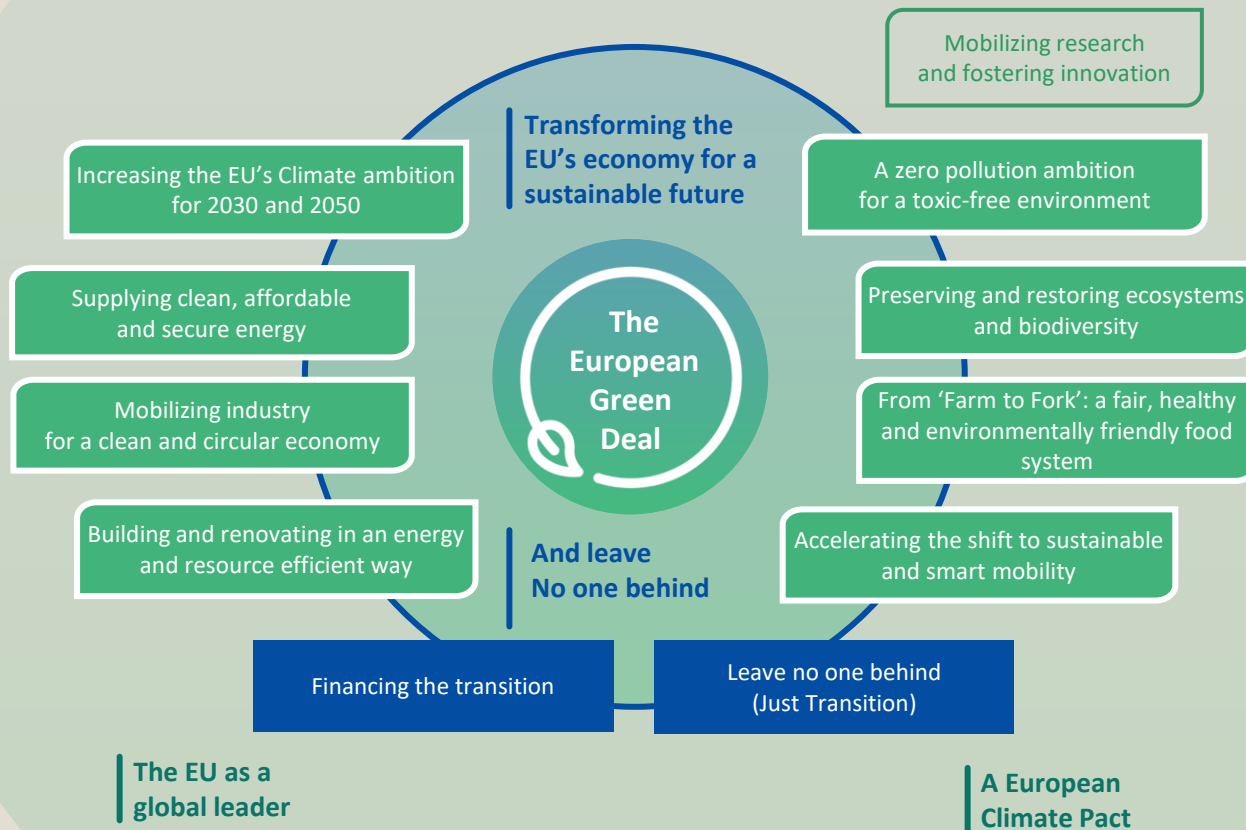
*PREVAIL Project Webinar: 'Landscape management Smart
Solutions for wildfires mitigation'*

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European Green Deal





GD promotes and enhance Climate and Disaster risk Prevention, Reduction & Resilience

- ❑ **EU Biodiversity strategy 2030 (Adopted on 20 May 2020)**
- ❑ **New EU Forest Strategy (it is expected to be adopted 2nd Q 2021)**
- ❑ **New EU strategy on adaptation to Climate change (Adopted on February 2021)**
- ❑ **Farm to Fork Strategy (adopted on 20 May 2020)**



Objectives of EU Biodiversity Strategy (BDS) 2030

The strategy aims to build our societies' resilience to future threats such as:

- ☐ The impacts of Climate Change**
- ☐ Forest Fires**
- ☐ Food insecurity**
- ☐ Disease outbreaks including to protecting wildlife and fighting illegal wildlife trade**

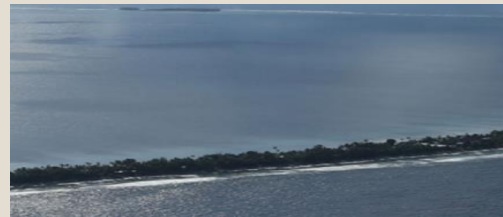
EU Biodiversity Strategy 2030:

❑ Establish a larger EU-wide network of protected area at least:

- 30% of the land in Europe



- 30% of the sea in Europe



With strict protection of remaining EU primary and old-growth forests by 2021.





EU Biodiversity Strategy:

EU Nature Restoration Plan

**Increasing
organic
farming &
biodiversity**



**Reducing the
use of risk of
pesticides by
50% by 2030**

**Halting and
reversing
the decline
of
pollinators**



**Planting 3
billion trees
by 2030**



An EU Restoration Plan

- ❑ **COM has already proposed (legally) binding nature restoration targets that will be adopted by the end of 2021.**
- ❑ **Online public consultation for feedback (11 January -5 April 2021.**
- ❑ **Restoring EU's ecosystems will help to increase biodiversity, *and prevent & reduce the impacts of natural & climate disasters.***



New EU Forest Strategy post 2021

❑ **The strategy will build on the EU's 2030 biodiversity strategy and Climate adaptation strategy.**

❑ **Objectives**

- **Ensure & enhance healthy and resilient Forests**
- **Resilient forest contribute significantly to DRR & control**
- **Secure livelihoods &**
- **Support a circular bio economy and rural communities**



10 Flagship Deliverables of new EU FS

- ❑ **Planting 3 billion additional trees in Europe**
- ❑ **Demonstrating sustainable forest management and its contribution to EU objectives**
- ❑ **Promotion of harvested wood products**
- ❑ **Forest adaptation facility**
- ❑ **An EU framework for forest health and resilience**
- ❑ **Support the restoration of damaged forests**
- ❑ **Building-up the role of forests for lively rural areas**
- ❑ **Promoting non-wood forest revenue: Eco-tourism**
- ❑ **Forest information and real-time monitoring**
- ❑ **New training, skills, jobs, and environmental sustainability education that reflects the multiple functions of forests**
- ❑ **Addressing the communication gap about forests**



New EU strategy on adaptation to CC

□ Objectives

- **Smarter Adaptation:** Improve Knowledge, reporting and monitoring mechanism
- **More systemic adaptation:** Support policy development at all levels & sectors
- **Faster adaptation:** Speed up adaptation implementation across the board



Faster adaptation: Speed up adaptation implementation

- ❑ Research support (Horizon) to climate adaptation in land ecosystems (forests, agriculture, water etc.)**
- ❑ Improve adaptability of forest genetic material**
- ❑ Promote climate resilient livestock farming and agriculture**
- ❑ Foster the resilience of food systems**
- ❑ Reduce climate risks on (critical) infrastructure**



EU Farm to Fork Strategy - Objectives

- ❑ **Neutral or positive environmental impact**
- ❑ **Help to mitigate CC and adapt to its impacts**
- ❑ **Reverse the loss of biodiversity**
- ❑ **Ensure food security, nutrition and public health**



F2F Strategy Initiative - EU Food Security Contingency Plan

- ❑ **Development of an EU Contingency Plan for ensuring food supply and security in times of crises**
- ❑ **Deployment of a common EU food crisis response mechanism, coordinated by the COM and involving MS**
- ❑ **It will cover different food system-related sectors that may be affected by a crisis**



EU Next Generation budget powering recovery

Investing in a green, digital and resilient Europe

Supporting Member States to recover



- Recovery and Resilience Facility
- Recovery Assistance for Cohesion and the Territories of Europe - REACT-EU
- Reinforced rural development programmes
- Reinforced Just Transition Mechanism

Within European Semester framework

- Supporting investments and reforms
- Supporting a just transition

Kick-starting the economy and helping private investment



- Solvency Support Instrument
- Strategic Investment Facility
- Strengthened InvestEU programme

- Supporting key sectors and technologies
- Investing in key value chains
- Solvency support for viable companies

Learning the lessons from the crisis



- New Health programme
- Reinforced rescEU
- Reinforced programmes for research, innovation and external action

- Supporting key programmes for future crises
- Supporting global partners



Recovery and Resilience Facility (RRF)

- ❑ **The new RRF provides large-scale financial support to MS for reforms and investments to mitigate the COVID -19 impacts (economic +social)**
- ❑ **Support MS to address the challenges identified in the European Semester**
- ❑ **MS shall prepare their national recovery and resilience plans to submit to COM by end of April 2021. They will be implemented by 2024.**



Additional Funds to the CF 2021-2027

Just Transition Fund (JTF)

- ❑ **Additional funding to ERDF + ESF**
- ❑ **Provide support to territories facing serious socio-economic challenges**
- ❑ **TSI: MS can request additional technical support to strengthen their administrative capacity to prepare long term Investments**

REACT -EU Support

- ❑ **Additional funding €55 billion to the CP with eligible expenditure up to 100%**
- ❑ **Target short - term crisis repair actions**
- ❑ **Provide immediate support to MS' economies via ERDF, ESF & EU FAMD**



Cohesion Policy Fund 2021-2027

- ☐ **CP will support a swift recovery after COVID - 19 LL crisis**
- ☐ **What's new compared to the 2018 CP proposal?**
 - ✓ **additional flexibility for MS to transfer resources among EU Funds;**
 - ✓ **Make sure that CP is better equipped to respond to unexpected circumstances;**
 - ✓ **Reinforce the preparedness of the health systems;**
- ☐ **Support DRM Investments under the SO 2 of the CPR 2021-2027 by fulfilling the EC 2.4.**



UCPM Grants to CPA - Track I Projects

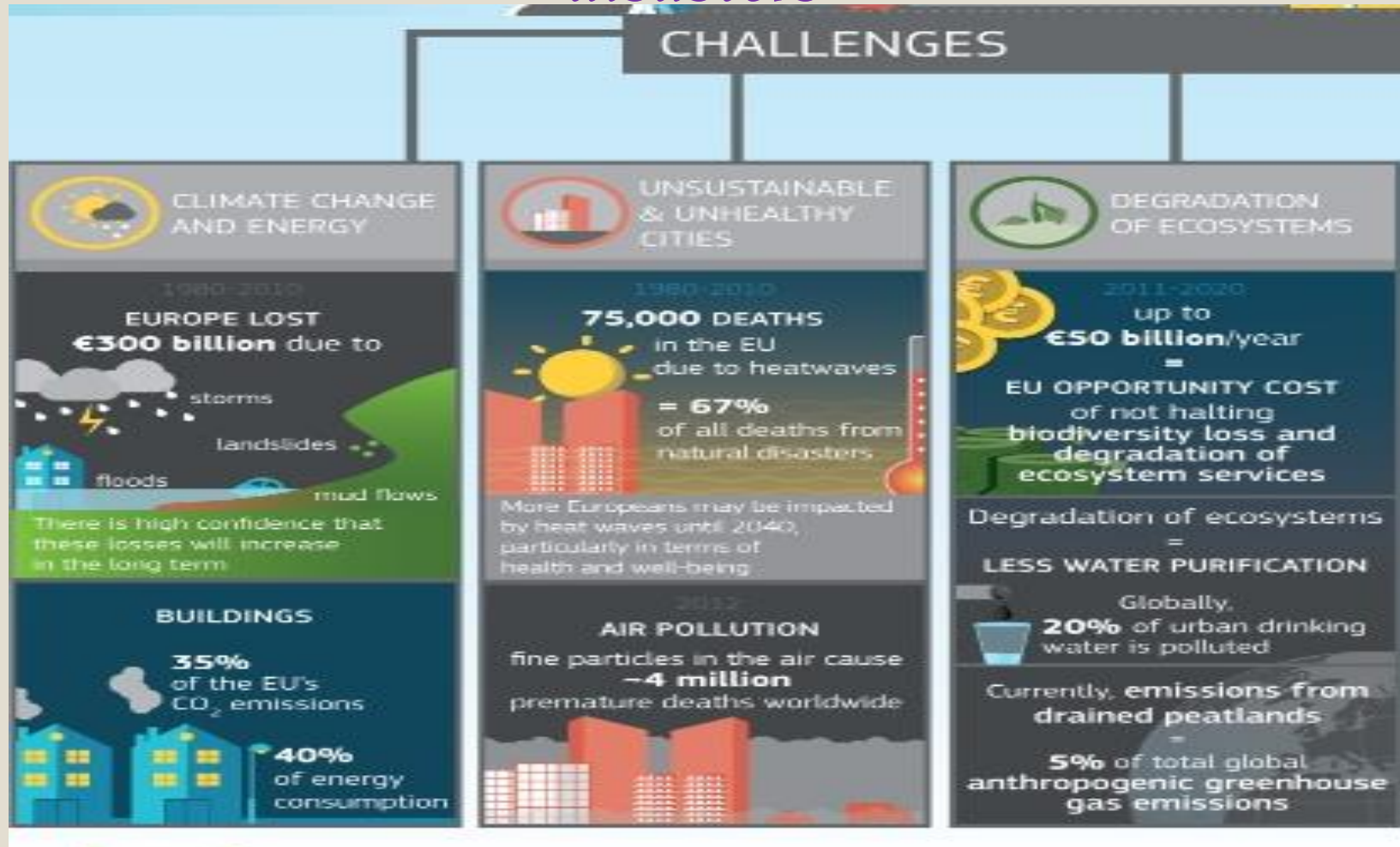
Grant n	Country	Beneficiary	Title	Start Date	End Date	Duration (months)	TDO
807519	Croatia	Ministry of the Interior	Assistance in developing a stronger baseline for effective disaster risk management (enabling conditions for Structural Funds 2021-2027)	01/10/2019	31/12/2020	15	Laura Indriliunaite
831461	Croatia	Ministry of the Interior	Technical Assistance for Preparation of Disaster Risk Management Projects in Croatia - TA for DRM Projects	1/9/2020	31/8/2021	12	Laura Indriliunaite
831488	Greece	General Secretariat for Civil Protection, Ministry of Citizen Protection	Development of National Disaster Risk Management Plan	1/9/2020	31/8/2021	12	Evangelia Tsartsou
831688	Latvia	State Fire and Rescue Service of Latvia (SFRS)	Feasibility studies on the promotion of better practice and raising capacity of State Fire and Rescue Service of Latvia	1/10/2020	30/9/2021	12	Gaetano Vivo
831634	Slovakia	Crisis Management Department, Ministry of the Slovak Republic (CPCMD)	Stakeholders Networking for Multi-risk and Climate Resilient Strategic Framework in Disaster Management	1/10/2020	30/9/2021	12	Giulia Pizzio



NBS prevent & reduce Disasters

- ❑ **NBS as a 'core investments' for CF 2021-2027**
- ❑ **NBS have been fully integrated into the EU GD strategies (sustainable agriculture, biodiversity, forest)**
- ❑ **COM definition: as "solutions that are inspired and supported by nature, which are cost-effective, provide environmental, social and economic benefits and help build resilience.**
- ❑ **Address societal + economic challenges, such as CC, DRR, biodiversity loss and food security.**

NBS Future challenges to address Natural disasters

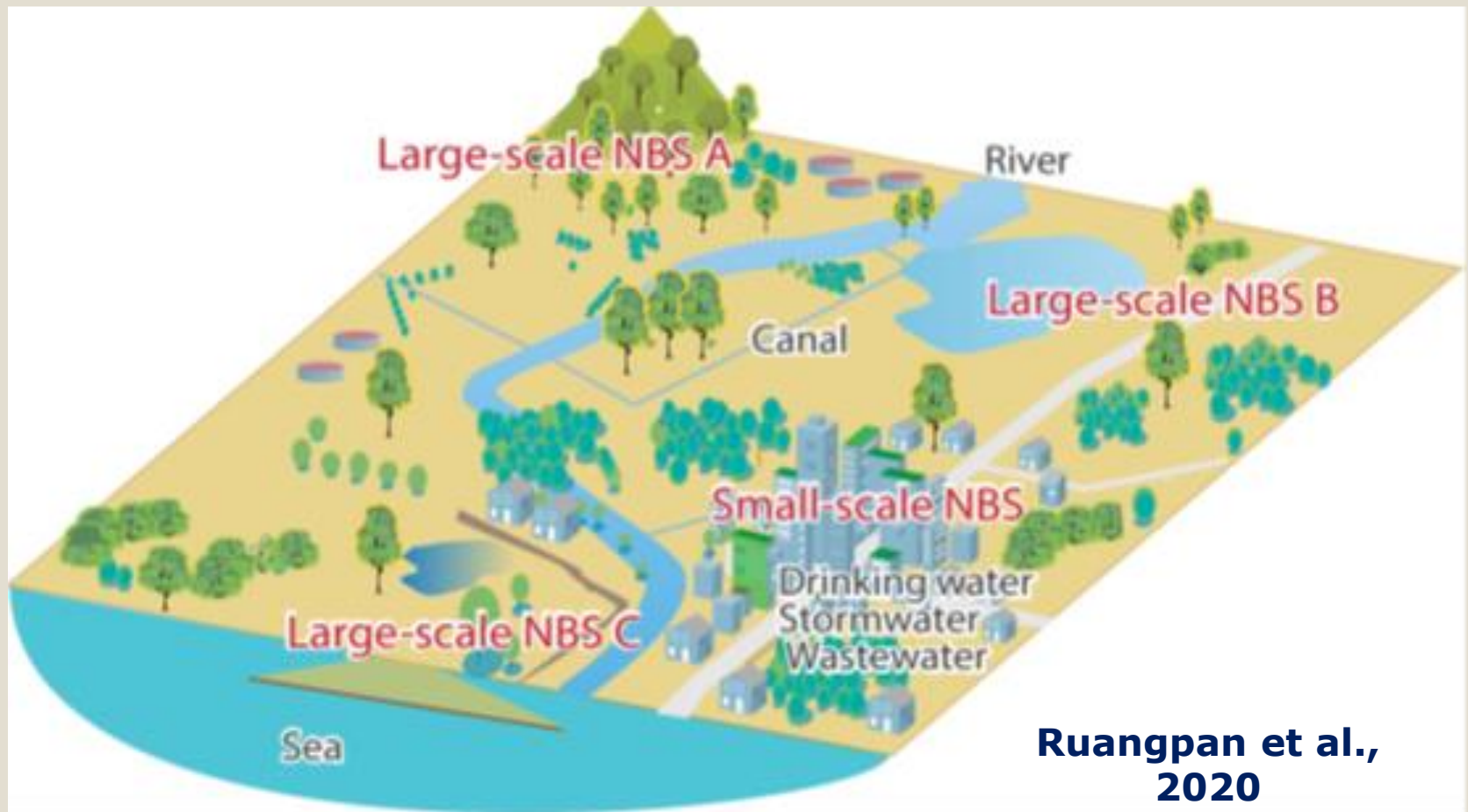


NBS Benefits in urban environment



Faivre et al., 2017

NBS for hydro-meteorological risk reduction





NBS in Beskid mountain forests

- Regeneration of forest (1900 ha) to make it less vulnerable to tree pests and diseases
- Construction of 32km hiking trail
- > 15 million seedlings have been planted

⇒ Protecting soil, preventing flooding, encouraging eco-tourism, promoting cross-border cooperation...

The holistic Flood Risk Management approach incl. NBS - PEARL Project

Coastal flood risk reduction with combination of hard engineering and NBS in Taiwan



- **The project combined early EWS technologies & NBS approaches.**
- **Work carried out for a number of EU and International case studies.**
- **Proposes an improved Quantitative Microbial Risk Assessment (QMRA) methodology addressing public health issues due to floods.**

Application of NBS in the cultural heritage areas - PEARL Project

Ayutthaya Island- UNESCO world heritage site



- Application of NBS in areas with cultural heritage (Vojinovic et. al., 2016a).
- This could be particularly relevant for FD (e.g., Chapter II, Article 4).
- APSFDRR (e.g., Key Area 4- Supporting the development of a holistic DRM approach incl. cultural heritage).

Thank You for Your Attention

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