

Tisztelt Társasági Tagok!

Elérkezett a várva várt pillanat! A Talajvédelem 2020-as Különszáma tegnap *on-line* megjelent, s itt elérhető:

<http://talaj.hu/talajvedelmi-kulonszam/>

Ezúton is hálás köszönetet mondunk a szerzőknek, az önkéntes lektoroknak és a szerkesztőknek!

Egyebek:

Mellékelem azt a tájékoztató anyagot, melyet Bíró Borbála küldött, akit az EU Egészséges Talaj és Élelmiszer Missziós Testületébe választottak.

Üdvözlettel:

Bakacsi Zsófia

Horizon Europe

MISSION BOARD FOR SOIL HEALTH AND FOOD

#HorizonEU #Eumissions #MissionSoil

This presentation is delivered by a member of a Horizon Europe Mission Board, which is an informal group of experts set up by the European Commission to provide advice for the identification and implementation of missions in the future Horizon Europe programme. The contents of the presentation do not represent the official views of the European Commission nor do they constitute a commitment of any kind on its behalf.



Horizon Europe – Investing to shape our future

Horizon Europe

The EU research and innovation (R&I) framework programme (2021-2027)



to strengthen the EU's scientific and technological bases and the European Research Area (ERA)



to boost Europe's innovation capacity, competitiveness and jobs



to deliver on citizens' priorities and sustain our socio-economic model and values

New: the concept R&I **Missions** and **mission oriented research**

The Commission proposes a budget of **€ 100 billion** for Horizon Europe

Research and innovation missions

- Strong visibility and **impact** on society and policy-making through science and technology
- Achieve a bold, inspirational and measurable **goal** that could not be attained through individual actions within a set timeframe
- Find **solutions** to some of the major challenges faced by European citizens

1st Mazzucato report (2018)

R&I missions should:

- Be bold and inspirational, with wide societal relevance;
- Indicate a clear direction: targeted, measurable and time-bound;
- Be ambitious but realistic research and innovation actions;
- Spark innovation across disciplines, sectors and actors;
- Be based on a bottom-up approach of multiple solutions



<https://europa.eu/!kw43Uc>



**Adaptation to climate
change, including societal
transformation**



Cancer

**5 mission
areas**



**Healthy
oceans,
seas, coastal
and inland
waters**



**Climate-neutral
and smart cities**



**Soil health
and food**



Mission Soil health and food

Why a mission in the area of soil health and food?

We know more about the movement of celestial bodies than we know about the soil underfoot

Leonardo da Vinci, about 1500 AD



Did you know that..../we do not know

Suggestion to mission board members:

Depending on the audience to be good show some “fact and figures” such as the 1000 years to build up 1 cm of soil or examples of what we do not know

Soil health and food - Who is involved?

- Mission area managed across **EU Commission services**: co-lead by DG AGRI (secretariat) and DG RTD + DGs CLIMA, ENV, JRC, MARE, SANTE, ENER and MOVE
- Creation of **Mission Board** to develop ideas for one or more possible missions in the area of soil health and food
- Mission board can be supported by members of a **Mission Assembly**
- **Stakeholders and citizens** will contribute to the development and implementation of the mission through co-design, co-implementation and co-assessment

Why a mission on soil health and food?

- Soils perform a range of **vital functions** and deliver **public goods**:
 - provision of healthy food, clean water, biodiversity, nutrient cycling, carbon storage, cultural services
 - these functions are interdependent!
- Land/soils are a **scarce and non-renewable resource**;
- Soils are **fragile ecosystems and threatened** by unsustainable land management, urbanization and climate change
- Land/Soils are **at the center of major societal challenges** (food security, food safety, loss of biodiversity, climate mitigation and adaptation);
- Solutions require a **systems approach**: addressing the **various types of land use and soil functions** and creating **broad partnerships**

Ambition: “Healthy soils for healthy people and a healthy planet”!

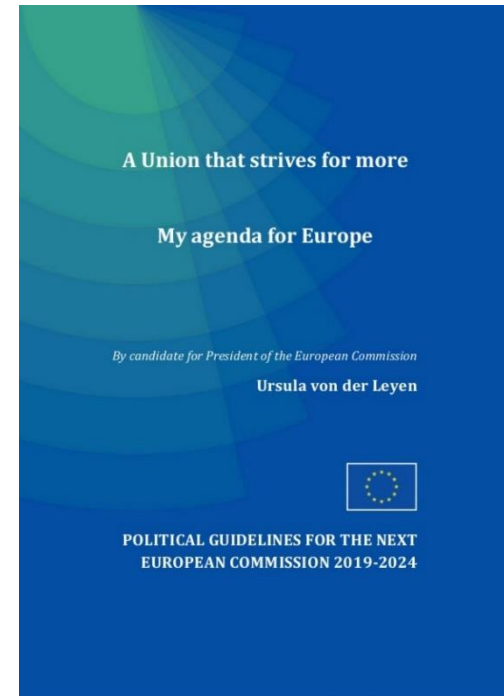
Soil health and food – at the right time!

Mission area is critical to **meet global political commitments** such as the Paris Agreement and Sustainable Development Goals

And it is highly relevant for new Commission priorities, notably the Green Deal

Land/soil management is relevant to major policy objectives on:

- food and nutrition security
- climate change mitigation
- protection of biodiversity
- reduction of pollution
- vibrant rural areas



Soil health and food – Mission Board

Chair

Vice-Chair



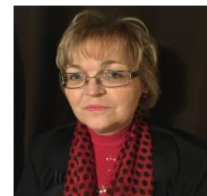
**Cees
VEERMAN (NL)**



**Teresa
PINTO-CORREIA (PT)**



**Catia
BASTIOLI (IT)**



**Borbala
BIRO (HU)**



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POGRZEBA (PL)**



**Jean-François
SOUSSANA (FR)**



**Carmen
VELA OLMO (ES)**



**Rainer
WITTKOWSKI (DE)**

Steps towards Horizon Europe Strategic Plan & Missions in the Work Programme



Communication and engagement: mission impossible!



Life on earth depends on soil 🌍

- soil provides food
- soil cleans water
- soil captures carbon
- soil hosts biodiversity
- soil recycles nutrients

We need to protect and restore this precious resource

 #WorldSoilDay

Traduci il Tweet



Soil matters

Life on earth depends on soil. We need to protect and restore this precious resource.

10:00 AM · 5 dic 2019 · Twitter Media Studio

World Soil Day – video - tweet:

more than 30 000 visualisations in less than 24h

survey

Sent to more than
7000 people (EIP-
AGRI flash news)

Survey - Mission Soil health and food

Fields marked with * are mandatory.

Introduction:

The European Commission proposes to implement a mission in the area of "Soil health and food" as follows: Missions are a new instrument for research and innovation to increase the impact of research, matters in day-to-day lives. A mission in the area of soil health and food will raise awareness on the important services/functions. It will deliver knowledge and solutions to manage soils in more sustainable ways.

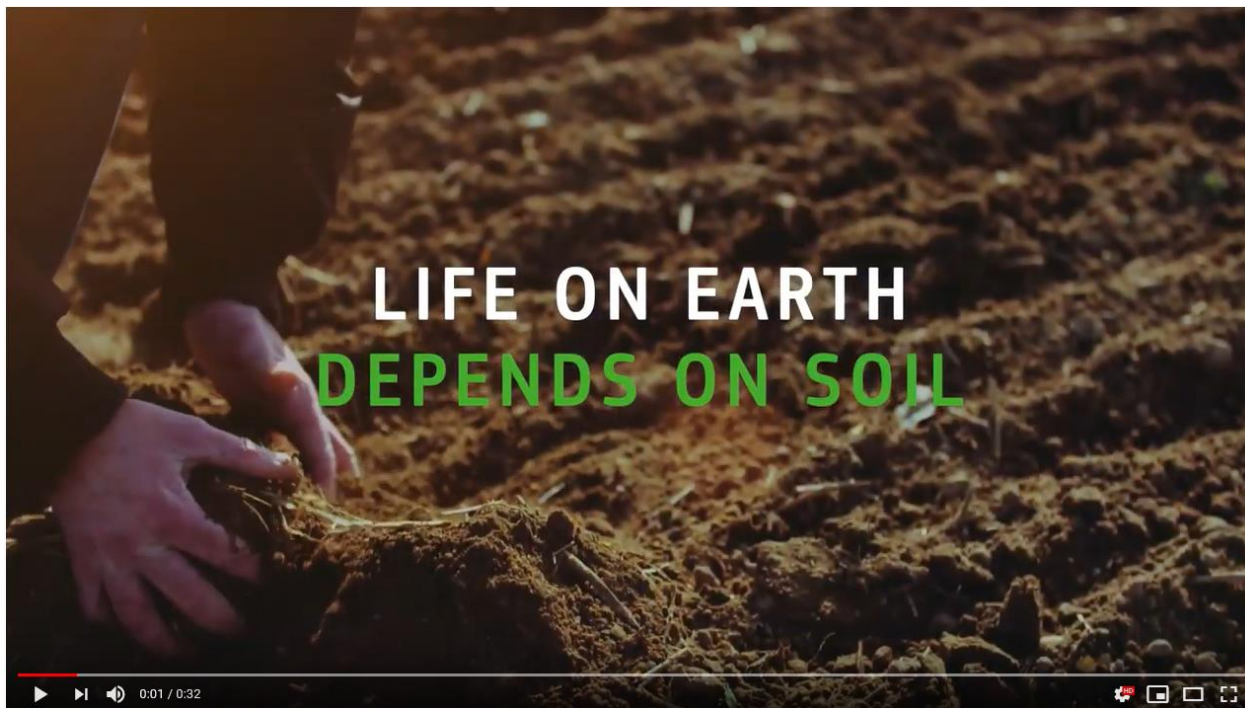
articles, newsletters, events

through COM channels and members of the board as ambassadors



Life on earth depends on healthy soil for healthy people and healthy planet

- https://www.youtube.com/watch?v=oJF_GTmrJGI&feature=youtu.be



Do you want to know more?

Join the mission activities, have your say and spread the message

- EUSurvey until 19/01/2020
<https://ec.europa.eu/eusurvey/runner/mission-soil-health-and-food>
- Mission soil health and food webpage
https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/mission-area-soil-health-and-food_en
- EIP-AGRI news
<https://ec.europa.eu/eip/agriculture/en/news/soils-matter>
- DG AGRI – Soil matters for our future
https://ec.europa.eu/info/news/soil-matters-our-future-2019-dec-05_en

Horizon Europe legislation on Missions and Mission Boards

Draft Horizon Europe legislation:



<https://europa.eu/!QD66PN>

Article 5 of the Specific Programme Decision:



<https://europa.eu/!qU97hU>



Thank you!

HorizonEU #EUmissions #MissionSoil

<http://ec.europa.eu/horizon-europe>