

# A new NORMAN working group: 'Soil and the Terrestrial Environment'



An inventory amongst NORMAN colleagues

December 2020, Dorte Herzke & Ivo Roessink



In order to define a potential scope a small questionnaire was circulated amongst NORMAN colleagues:

- Colleagues provided input on various questions
  1. Current activities in 'soil and terrestrial environment' ?
  2. Suggestions for possible scope of the WG
  3. Which focal pollutants/contaminants?



# Scope of the working group (WG)



In order to define a potential scope a small questionnaire was circulated amongst NORMAN colleagues:

- Colleagues provided input on various questions
  - Current activities in 'soil and terrestrial environment' ?
  - Suggestions for possible scope of the WG
  - Which focal pollutants/contaminants?
  - 16 answers, from France (INERIS, R&I), Spain (IMDEA Water Institute), Belgium (ISSeP), Austria (UBA), Norway (N-EA), Ireland (Dublin U), Germany (IWW) ++



# Scope of the working group (WG)

1. Current activities comprise (but are not limited to):

- National monitoring programs of contaminants in soil (and water): several long-term databased available
- Contaminants in urban environments
- Use of waste and/or irrigation waters on soil
- Remediation of soils, surface and ground water
- Effect based screening/Effect Directed Analysis of PAH in soil
- Vegetation filters for infiltration water
- Development of terrestrial PNEC
- Contaminations in wildlife, food chains and apex predators
- Microplastics in soil and groundwater



## 2. Possible WG scope:

- Sample exchange, ring testing, validation and harmonization analytical methods → data quality improvement
- Risk assessment and communication regarding pollutants in soil
- Preparation of EU proposals (e.g. within the Green Deal call) → improve collaboration
- Gathering and sharing info on the occurrence contaminants in soil → fill knowledge gaps
- Link with food safety (i.e. EFSA) → link with Human health
- Provide platform, webinars, workshops, shared databases, networking → facilitate communication
- Substance characterization and prioritization in soil & waters → future activities

# Scope of the working group (WG)



## 3. Focal pollutants/contaminations:

- Pesticides
- Pharmaceuticals (e.g., antibiotics) and Personal Care Products
- PFAS
- PAH, PCB & dioxins
- Persistent Organic Pollutants
- Metals
- Micro- and/or nanoplastics plus their additives
- New substances as GenX, ADONA, cC6O4



# Thank you all for your input

... the first contours of a roadmap to a new WG :

Next steps:

- Organise a workshop with some key presentations on EU-wide activities early 2021
- Discussion on common goal and activities
- Develop a concept for the next 2 – 3 years



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