6th training style workshop: Generic training in identification, use and development of AD and EF

| 4 | Generic training in identification, use and development of AD and EF. Training elements: | Core Group | October 23-25, 2018 |
| | | | Once per year preferably 1 month after the first training |

LULUCF Generic Methods with Practices II

Generic training in identification, use and development of AD and EF. Training elements:

- Generic IPCC methods
- IPCC Reporting guidelines
- Training in general soil-science with focus on soil-carbon content and carbon fluxes, connecting soil information/classification to soil-characteristics, and relating this to carbon sinks and emissions.
- Impact of disturbances on C stocks and GHG emissions. Understanding and managing uncontrolled deforestation and logging, both legal and illegal. Fire, pests and other uncontrolled impacts on grass- and cropland
- Preparing a disturbance matrix,
- Practices on generic methods.

Core Group

October 23-25, 2018

Once per year preferably 1 month after the first training

Agenda day 1

- **Introduction** on soil related C pools, CSC and GHG emissions & removals;
  - short presentation of the generic methods;
- Tier 1 and Tier 2 methods for estimation of CSC in **DOM** and **mineral soils** in *land remaining in the same category*
  - Forestland remaining Forestland (discussion)
  - Croplands remaining Croplands (excel practice)
  - Grasslands remaining Grasslands (excel practice)

- Tier 1 and Tier 2 methods for estimation of CSC in **DOM** and **mineral soils** in *land conversions*
  - From high to low C stock
    - conversion from grasslands to arable (excel practice);
  - From low to high C stock
    - conversion from arable to forest (excel practice);
    - conversion from arable to grasslands (excel practice);

Agenda day 2

- Estimation of CSC in **DOM** and **mineral soils** in **conversions to settlements**
  - practice from forest/grasslands or arable to settlements (excel practice)
- Assessment of GHG time series effect of **multiple conversions within 20 years transition period** (excel practice);
- Estimation of C stocks and GHG emissions from **natural disturbances**
  - presentation of the generic methods for AD and EF (**exercise on preparing a disturbance matrix**);
  - assessment of DOM in **_windstorms in forest_**
  - estimation of **_GHG from burning biomass_** in forest and grasslands (excel practice);
- Estimation of **_CO2 emissions from organic soils_**

Agenda day 3

- *Direct and indirect N2O emission* from managed mineral soils (excel practice);
- *CO2, N2O and CH4 emissions from drainage and rewetting* of soils