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# Sectoral Approach: Recent Improvements in Technical Capacity of LULUCF sector in Turkey to support mitigation actions

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## Outline

- LULUCF sector issues
- The role of LULUCF for C neutrality
- Capacity building issues in LULUCF
- What needs to be done – further steps

➤ LULUCF sector issues

TACCC principles

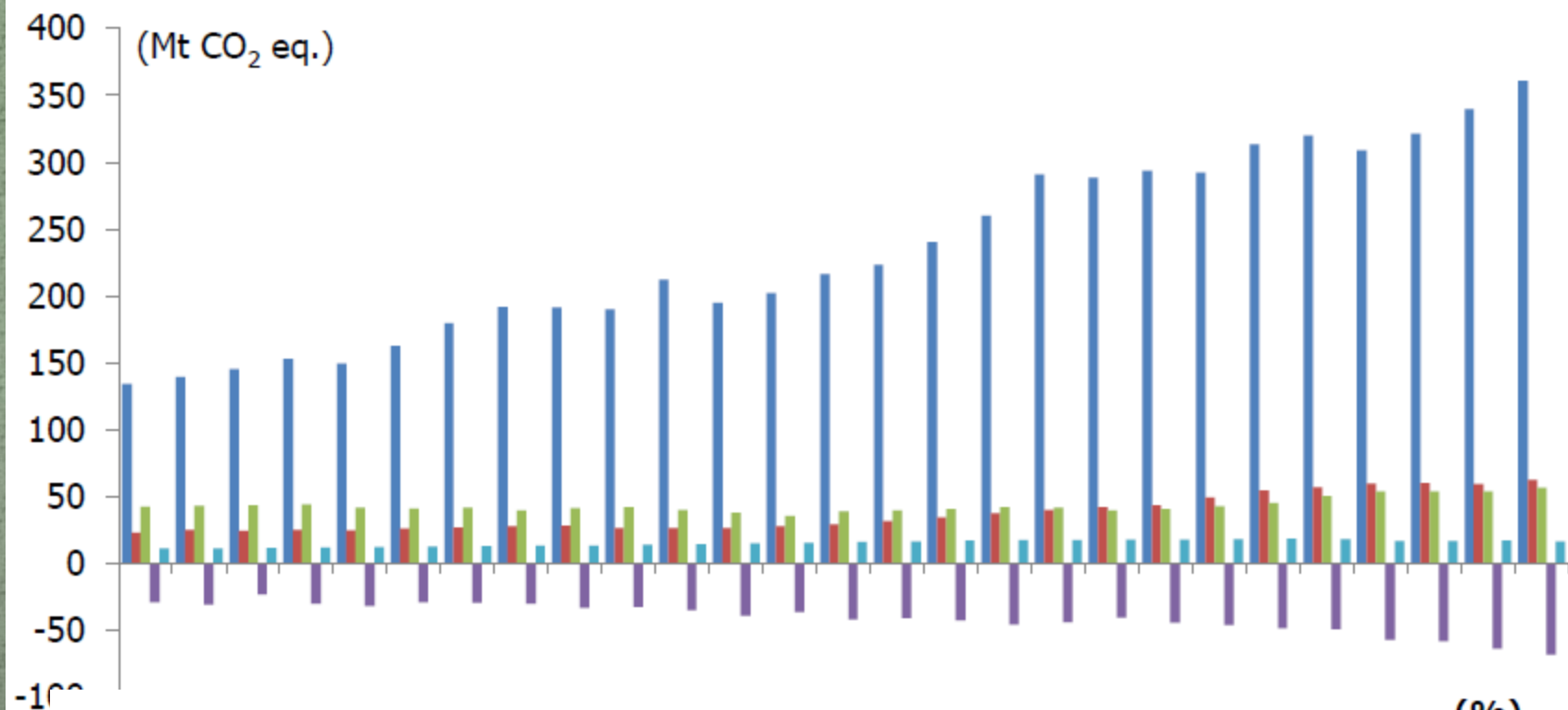
Complicated guideline structure (Revised 1996, GPG 2003, 2006, Kyoto Guidelines, Wetlands 2013 etc. Reporting guidelines) A simplified guideline should be applied to all parties. Applied several years after.

Activity data is a major issue

EF are mostly derived for some regions of the world. Not much data for some.



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	(%)						
Sectors	1990	1995	2000	2005	2010	2015	2016
Energy	73.89	76.28	82.06	82.87	81.97	83.62	84.34
IPPU	12.59	12.25	10.30	11.94	13.80	14.66	14.58
Agriculture	23.32	19.22	15.47	14.06	12.01	13.21	13.20
Waste	6.10	5.81	5.60	5.83	5.10	4.18	3.78
LULUCF	-15.91	-13.55	-13.43	-14.71	-12.89	-15.67	-15.91

➤ Capacity building issues in LULUCF sector

COP24 Capacity Building Hub Officially Opened – exchange experiences and knowledge in developing countries.

***Recommendations to the Conference of the Parties - Annual technical progress report of the Paris Committee on Capacity-building - 2018***

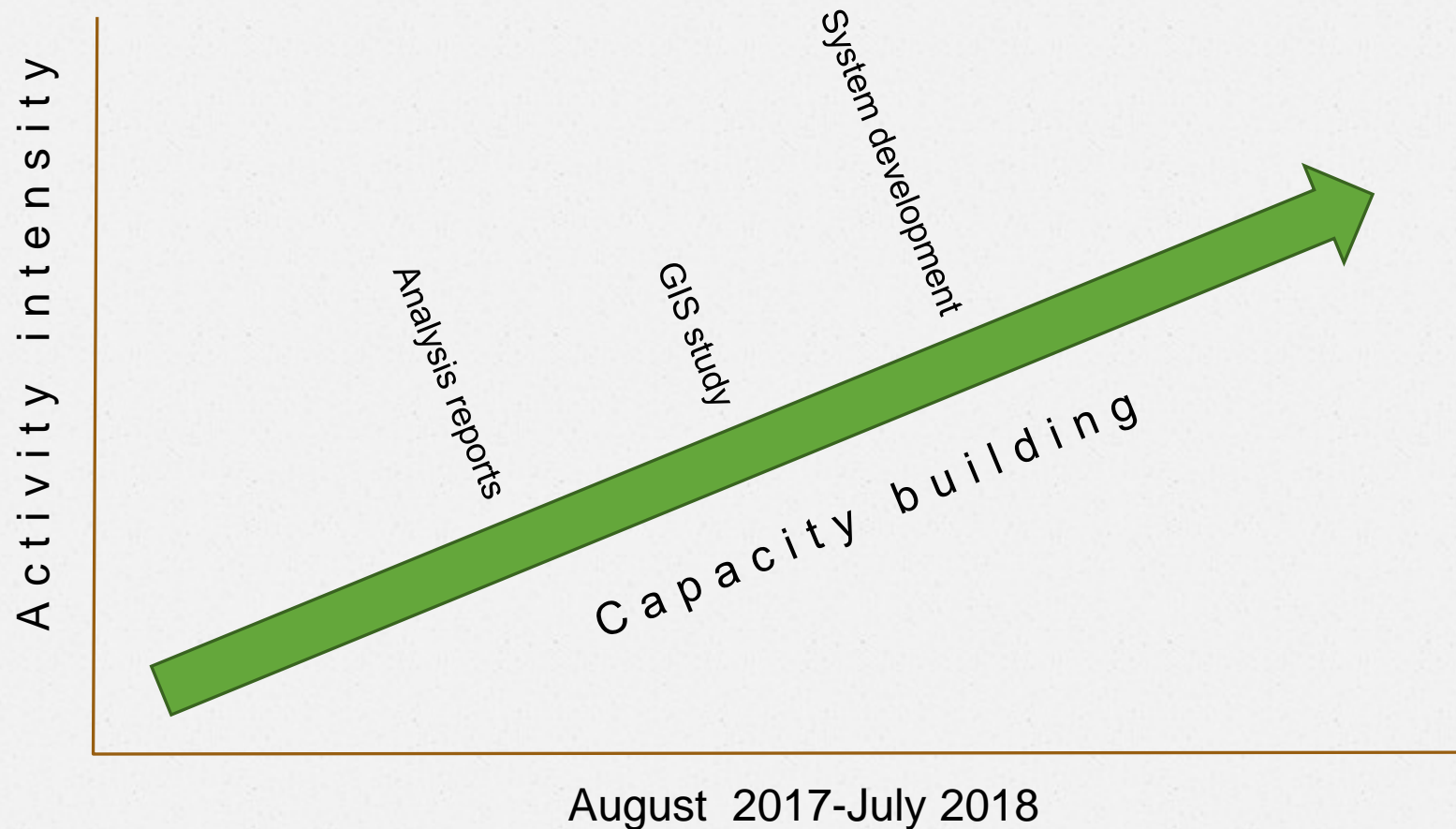
*The need for integrating gender considerations into capacity-building for climate action*

*Support developing countries in the assessment of their capacity-building gaps and needs related to the implementation of their NDCs*

*Capacity-building for communities and local government officials, given their role as central actors in responding to climate change related challenges*

*Foster networks and enhance collaboration with academia, research institutions and the private sector with a view to promoting individual, institutional and systemic capacity-building through education, training and public awareness*

Project on **Technical Assistance for Developed Analytical Basis for Land Use, Land Use Change and Forestry (LULUCF) Sector**





# Sectoral Approach: Recent Improvements in Technical Capacity of LULUCF sector in Turkey to support mitigation actions

## PROJECT COMPONENTS

Technical Assistance for Developed Analytical Basis for Land Use, Land Use Change and Forestry (LULUCF) Sector

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### Component 5: Land Use and Land Use Change Monitoring & Reporting

Activity 5.1: Develop a proposal for a LULUCF reporting system with a database

Activity 5.2: Development and implementation of the GHG reporting system for Turkey

D J F M A M J J  
(16) (17) (18) (19) (20) (21) (22) (23)

### COMPONENT 5

Leading Partner is GeoVille

#### KEY POINTS OF THE COMPONENT

- The reporting system will use the existing spatial explicit information with the central data base support to maintain and manage the inventory under the QA/QC procedures
- We develop of a highly integrative hybrid GHG LULUCF reporting system solution that shall be driven by a highly specialised back and frontend IT system for information input, storage and reporting.

## IMPORTANT REPORTS and ACTIVITIES

Activity 1.2. Report on How Research can support LULUCF

Activity 2.1. Report Training and Assistance Need Analysis (TANA)

Activity 2.2. Training Program Report

Activity 4.1. Report on the Land Use Matrix

Activity 5.1. Report on LULUCF Reporting System



## TRAININGS

### Examples to the Training Subjects

- LULUCF Generic Methods with Practices I
- Modelling and development of scenarios for LULUCF including HWP
- QA/QC procedures, uncertainty assessments and key category analysis
- Representation of land areas and methodologies for spatially explicit land identification including existing available systems
- EU harmonization and EU Directives on LULUCF + Reporting Guidelines including BR and NC
- Field Measurement Techniques of Carbon Stocks

## TRAININGS





## CONCLUSIONS and RECOMMENDATIONS

### ➤ What needs to be done – further steps

It is a reality that Turkey needs support for Capacity Building. Already getting this from EU funds, bilateral funds or GEF. But further support is needed for a more accurate reporting and projections.

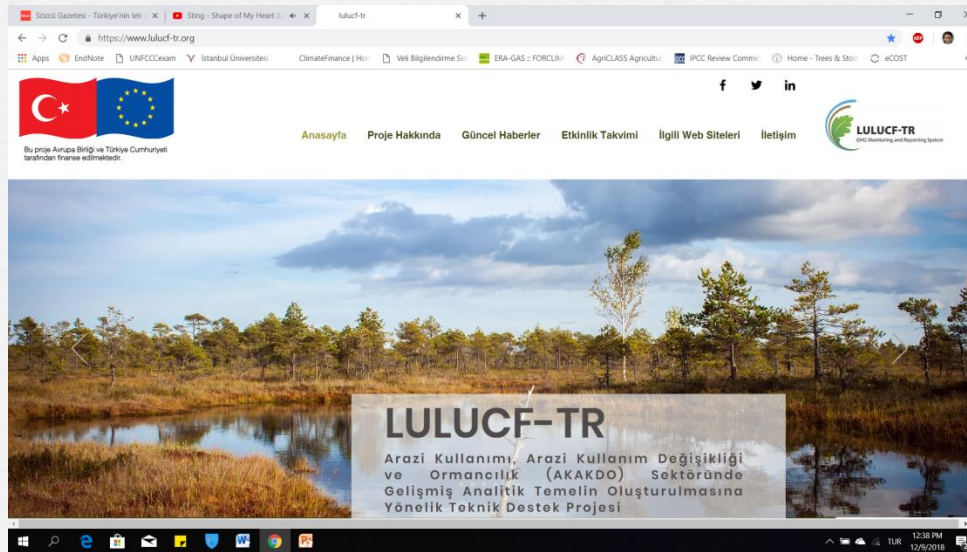
LULUCF-TR Project entitled Technical Assistance for Developed Analytical Basis for Land Use, Land Use Change and Forestry (LULUCF) Sector has contributed a lot. EU Funded.

Capacity Building is a continuous effort but should feed itself after some point.



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Lulucf Turkey





# **LULUCF – TR**

## **GHG Monitoring and Reporting System**

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