




Assessment of GHG Inventories in Agriculture

Republic of Srpska

21-22. June 2016. Zagreb



B&H structure and governmental framework - decentralized political and administrative structure, two Entities:


- Federation of Bosnia and Herzegovina
 - The Republic of Srpska
 - Brčko District.
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GHG inventory

- In two levels:
 - for Republic of Srpska
 - for Federation of Bosnia and Hercegovina
- After that the coordinator for Bosnia and Herzegovina is summarizing the calculation on the state level.
- In The Republic of Srpska Republic Hydrometeorological Institute (RHMI) is responsible for Entity RS, for developing GHG inventory.

Team

- For the sector of agriculture, team are made like this:
 - Federation of Bosnia and Herzegovina – Ms Sabina Hodžić from the Federal Hydrometeorological Institute
 - and Mr. Hamid Čustović, University professor
 - Republic of Srpska – Ines Čizmić from RHMI
- All experts are selected through UNDP application call.

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- RHMI produced GHG inventory from 2002-2014 for RS, and for the Agriculture sector GHG calculation are made from 2004-2014!
 - We are the non-anex country and we are using the IPCC 1996 methodology!
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Institutions – data

- ✓ the biggest role has Institute for statistics RS
 - ✓ Ministry of agriculture, forestry and water RS
 - ✓ Agriculture Institute RS
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Problems:

- ✓ missing data for the years 2002. and 2003.
 - ✓ missing data for the area of organic soils
 - ✓ missing data for the synthetic fertilizer N for the all years (only one person was estimating the N fertilizer and procedure of calculation is unknown to other team members, only the final number)
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- ✓ lack of data for the higher Tier level (Tier I)
 - ✓ two different source – two different data
 - ✓ lack of people for the estimating the data,
 - ✓ people are selected through the application call and can't be fully committed
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Not estimated

- For agriculture sector in GHG inventory we didn't estimate :
 - ✓ flooded rice field and savanna burnings – because we don't have it
 - ✓ burning of agriculture residue – because it's forbidden by law in RS!

Progress made and planned/wanted improvements

- Complete the series from 2002 –2014!
- We are planning to improve the GHG inventory and start using the IPCC 2006 Methodology, –already tried the calculation for 2 years
- We are planning to find model for estimate the N synthetic fertilizer
- to find a way to influence on the institution that collecting data, to be compatible with needs for GHG inventory calculation - to use higher Tier level



Thank you!!