



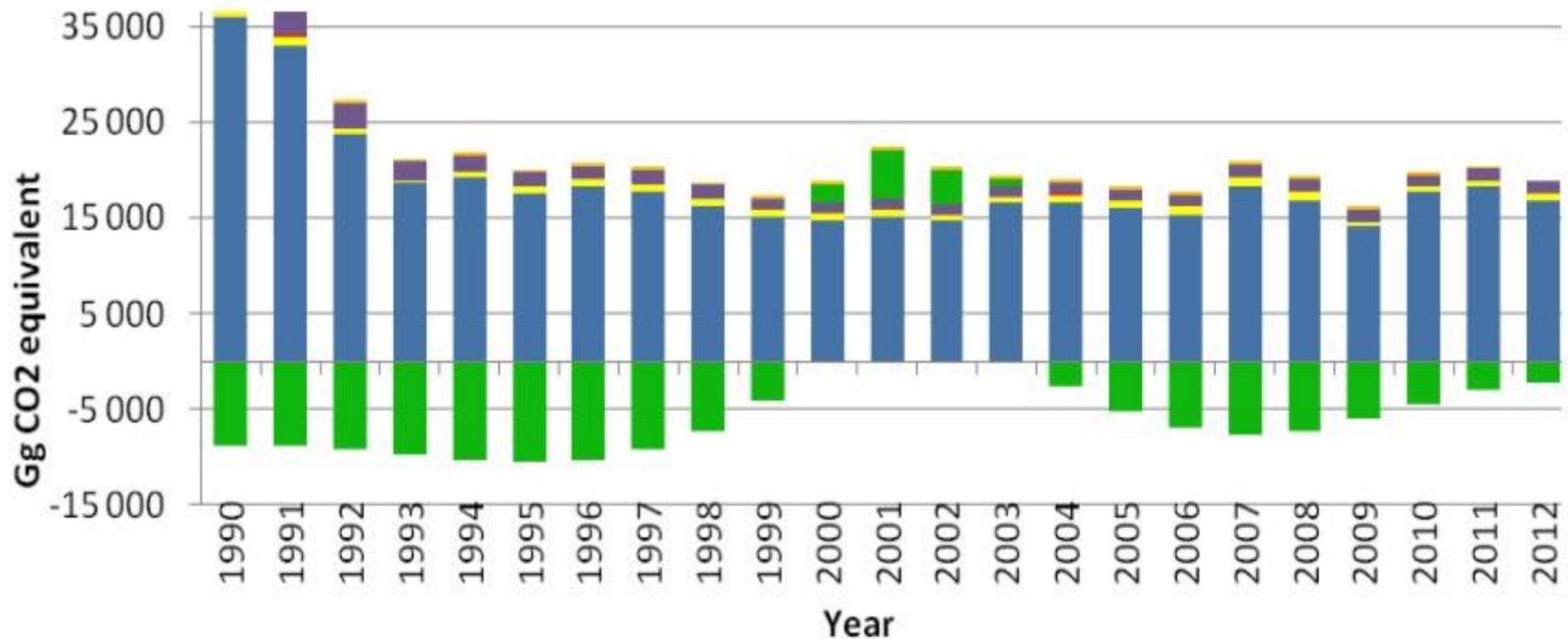
REPUBLIC OF ESTONIA  
MINISTRY OF AGRICULTURE

# Financing the climate- friendly agriculture measures

**Martti Mandel**

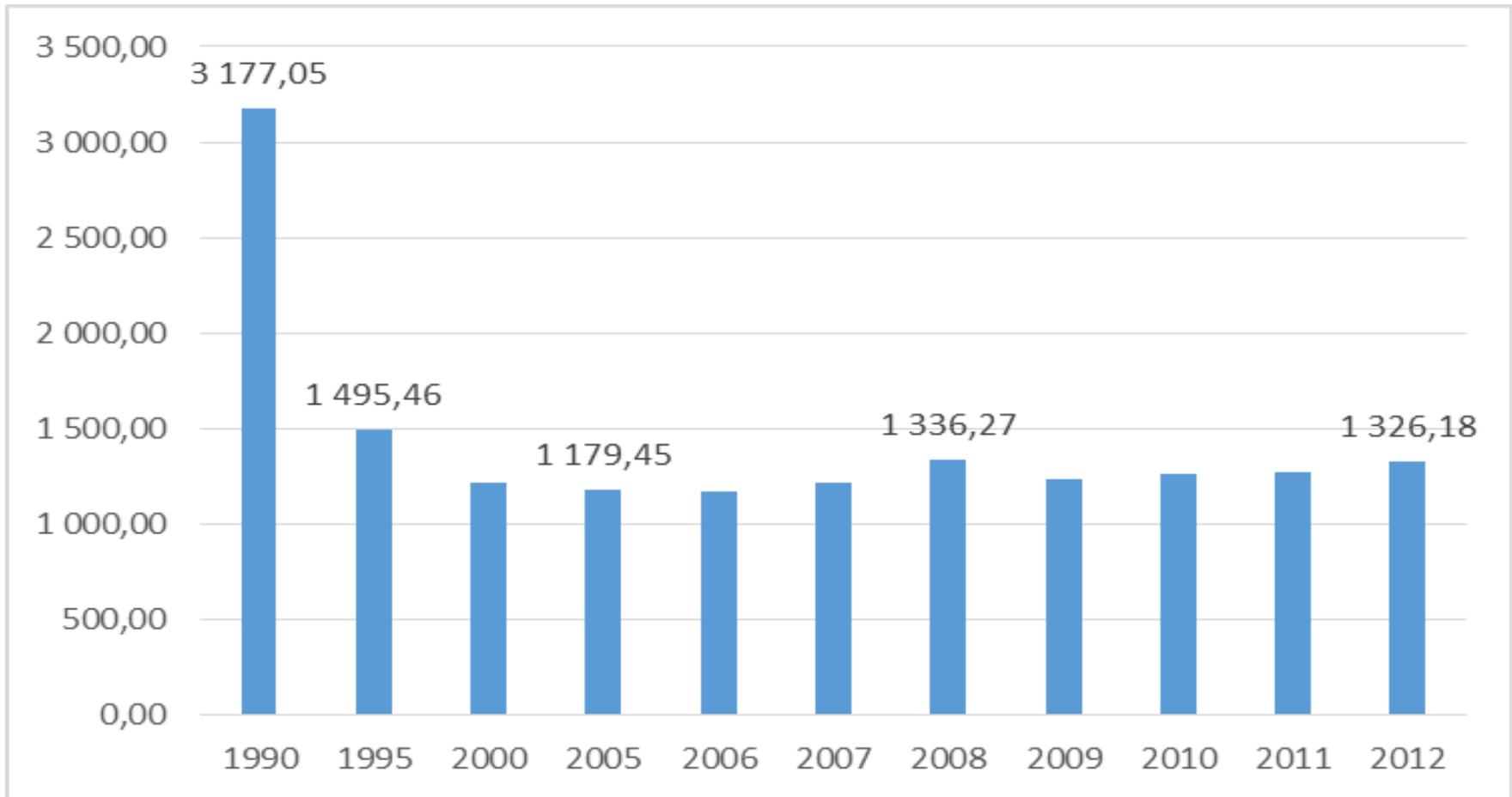
14.05.2014

# GHG emissions in Estonia

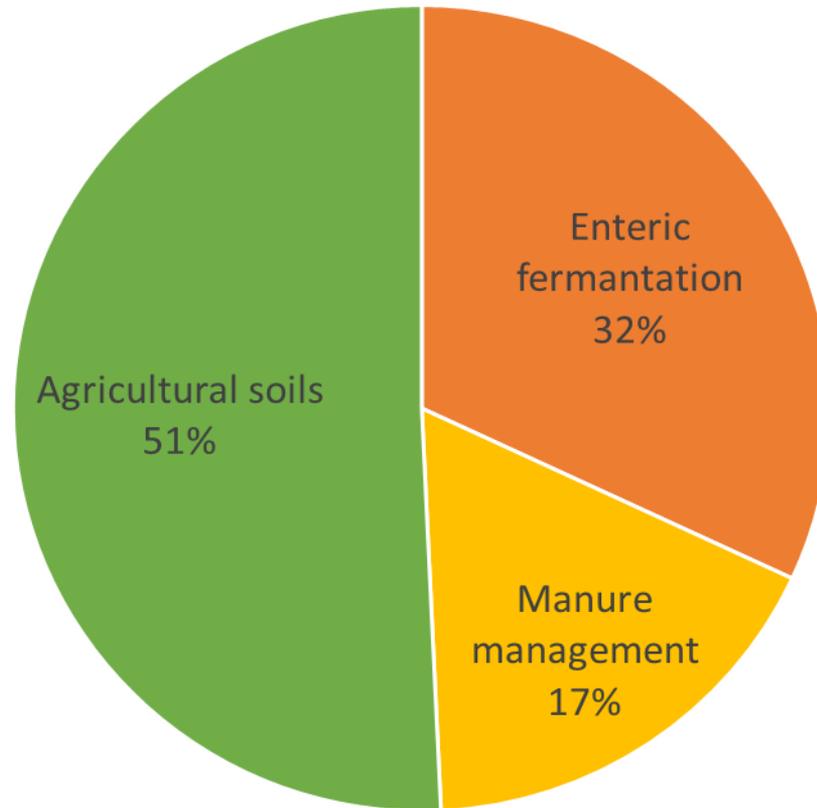


- Energy
- Solvent and Other Product Use
- Land Use, Land-Use Change and Forestry
- Industrial Processes
- Agriculture 6,5% in 2012
- Waste

# GHG emissions from Agriculture



# GHG emissions from Agriculture



■ Enteric fermentation

■ Manure management

■ Agricultural soils

# Climate-friendly agricultural measures 2014-2020

- Direct payments (includes greening)
- Rural Development Plan 2014-2020
- Support measures for biogas and biomethane

# Direct payments and greening

- Direct payments (DP) are payments granted directly to farmers under certain support schemes
- The Basic Payment Scheme: 70% of DP national envelope
- Greening: each holding will receive a payment per hectare for respecting certain agricultural practices beneficial for the climate and the environment. 30% of DP national envelope

# 3 measures of greening

- Maintaining permanent grassland
- Crop diversification
- Maintaining an “ecological focus area”

# Maintaining permanent grassland

- In force since 2006
- Purpose is to avoid the massive conversion of grassland into arable land
- Estonia has to maintain area of permanent grassland at least on 2005th level
- The new level is determined by basis of the of the applications submitted in 2015

# Crop diversification

- A farmer must cultivate at least 2 crops when his arable land exceeds 10 hectares
- At least 3 crops when his arable land exceeds 30 hectares
- The main crop may cover at most 75% of arable land, and the two main crops at most 95% of the arable area

# Maintaining an “ecological focus area”

- At least 5% of the arable area of the holding for farms with an area larger than 15 hectares (excluding permanent grassland) – i.e. field margins, hedges, trees, fallow land, landscape features, biotopes, buffer strips, afforested area
- This figure will rise to 7% after a Commission report in 2017 and a legislative proposal

# Rural Development Plan 2014-2020

- Will be adopted by the Government in near future
- Reduction of GHG emissions from agriculture and sequestration of CO<sub>2</sub> by agriculture and forestry are one of the environmental priorities of RDP
- RDP consists wide range of measures related to climate change mitigation

# RDP climate related measures

- Investment support for construction or reconstruction of a manure storage facility and its equipment
- Investment support for bioenergy production
- NATURA 2000 support for agricultural land
- NATURA 2000 support for private forest land

# RDP climate related measures

- Support for environmentally friendly management
- Support for organic production
- Soil protection support
- Support for the maintenance of semi-natural habitats
- Support for advisory system and services

# Support measures for biogas and biomethane

- Specific measures are not under the administrative field of the Ministry of Agriculture, but impacts on agriculture and its GHG emissions are important
- Four new manure based biogas plants were completed in 2012-2013
- Biomethane in transport project will be initiated in the next few years by the Environmental Investment Centre



REPUBLIC OF ESTONIA  
MINISTRY OF AGRICULTURE

# Thank you!

**Martti Mandel**

[martti.mandel@agri.ee](mailto:martti.mandel@agri.ee)