



AGRICULTURE POLICIES AND MEASURES IN CROATIA

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MINISTRY OF AGRICULTURE

STATISTICS



- land area 56.594 km² (total 88.073)
- moderate continental / Mediterranean climate
- 8 national parks, 11 nature parks
- ecological network (NATURA 2000) 36,67% land area and 16,39% sea area
- more than 4.000 endemic and protected species
- 9 % of land area under Nitrates Directive Action programme



LAND STATISTICS



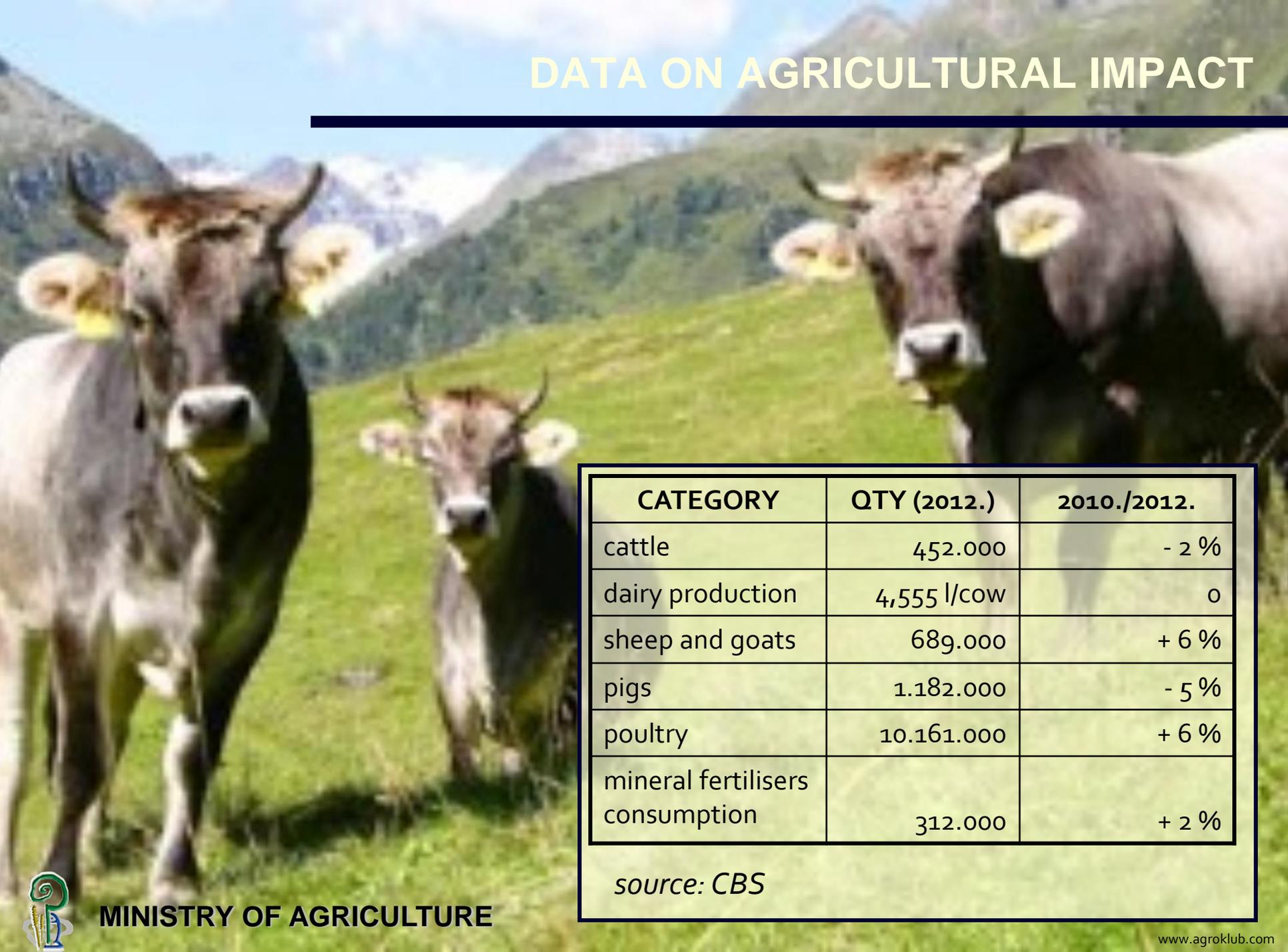
+ 000 ha

LULUCF CATEGORY	2010.	1990. – 2010.
FORESTS	2.317	+ 262
CROPLAND	1.548	- 75
GRASSLAND	1.219	+ 8
WETLAND	74	+ 2
SETTLEMENTS	259	+ 39
OTHER LAND	242	- 236
TOTAL	5.659	0

source: CAA
IPCC methodology



DATA ON AGRICULTURAL IMPACT

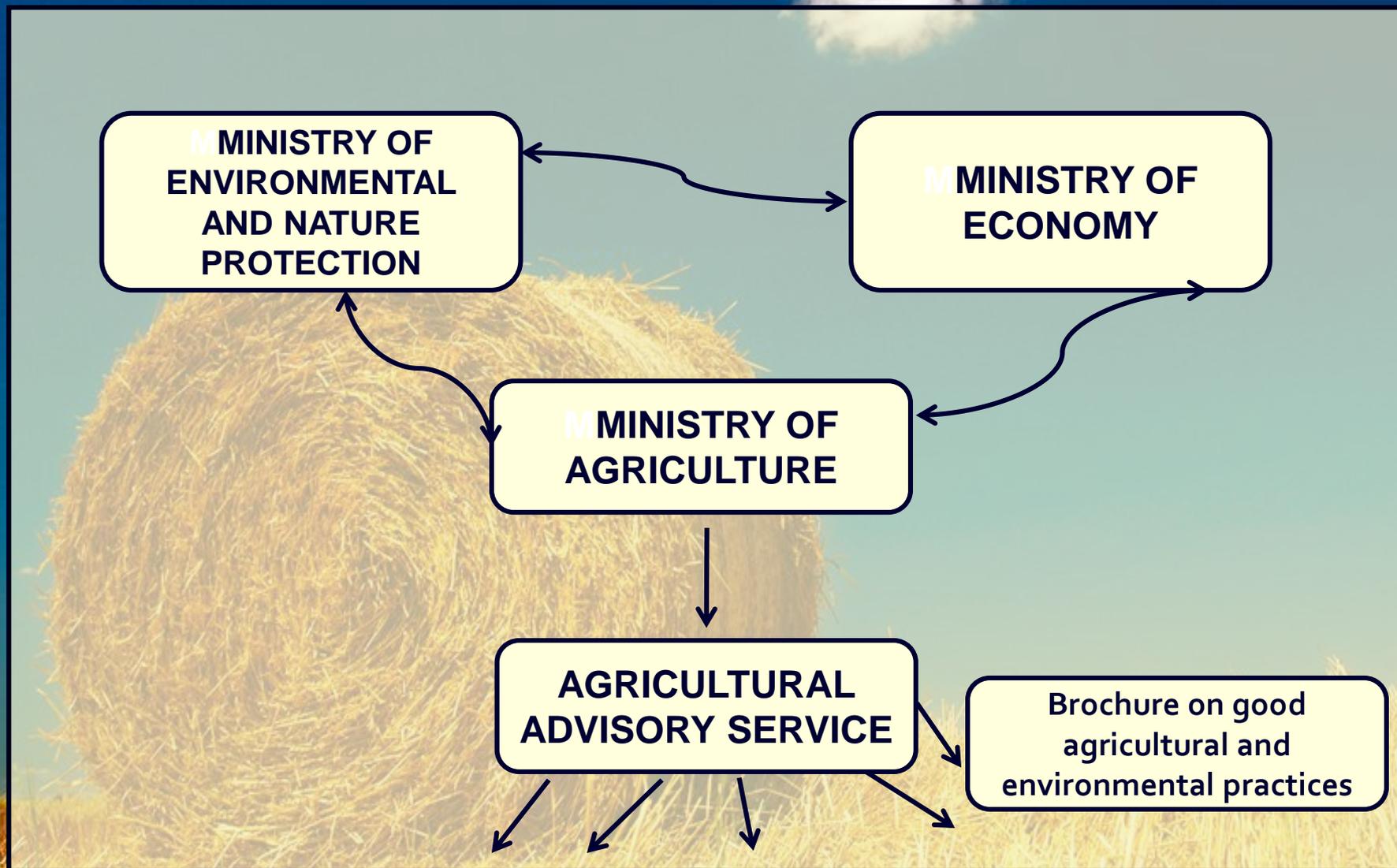


CATEGORY	QTY (2012.)	2010./2012.
cattle	452.000	- 2 %
dairy production	4,555 l/cow	0
sheep and goats	689.000	+ 6 %
pigs	1.182.000	- 5 %
poultry	10.161.000	+ 6 %
mineral fertilisers consumption	312.000	+ 2 %

source: CBS



ORGANIGRAM



- **CAP**

- *cross compliance*
- *GAEC*
- *obligatory from 2011.*

- *SMR*

- *obligatory from 2014. (Accession Treaty)*

- *2014. – SMR 1, 2, 3, 6, 7, 8*

- *2016. – SMR 4, 5, 9, 10*

- *2018. – SMR 11, 12, 13*

(all legislative acts already in force)

- control: Paying Agency in Agriculture, Fisheries and Rural Development
- 1 % of all requests for payments
- sanctions 1 % - 100 %
- iintention, duration, severance, repetition





LEGAL FRAMEWORK

ISSUE	CONDITION
water protection	1. buffer strips along water courses
	2. permits for water irrigation
	3. protection of groundwater from discharge of dangerous substances
soil and carbon stock	4. minimum soil cover
	5. minimum land management for limiting erosion
	6. maintenance of soil organic matter level – ban on burning arable stuble
landscape, minimum level of maintenance	7. retention of landscape features (hedges, ponds, ditches, trees in line, isolated tree, stonewalls)

GREENING - PAYMENT FOR AGRICULTURAL PRACTICES BENEFICIAL FOR THE CLIMATE AND ENVIRONMENT

- permanent grassland will be monitored at national level
- EFA: land lying fallow, landscape features, buffer strips, areas with short rotation coppice with no use of mineral fertiliser and/or plant protection products, areas with catch crops or green cover and areas with nitrogen fixing crops



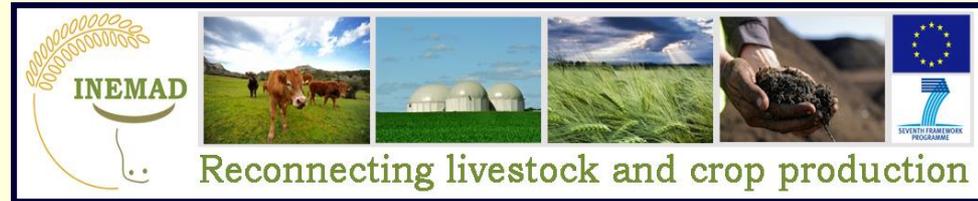
- RDP 2014. – 2020. (at revision in EC)
 - measures for improvement of agricultural holdings
 - measures for diminution of negative agricultural impact on climate change
- Croatian ACT ON AGRICULTURAL LAND
 - *Ordinance on Agro technical measures*
 - obligation for all the producers
 - *controlled by Agricultural inspectors*
 - measures:
minimal land management,
ban on burning arable stubble, ban on encroachment,
maintenance of soil organic matter,
maintenance of good soil structure,
protection against erosion



- 11 biogas plants with total 11,135 Mw

- **INEMAD PROJECT**

- Sisačko – moslavačka County
- strategies and policy recommendations in that way that nutrient and energy flows between crop and livestock production become more in balance



- **AGRICULTURAL IMPACT ON POLLUTION OF SURFACE AND GROUNDWATER IN CROATIA**

- By the end of 2014.
- CW and Faculty for Agriculture



- GAP – further implementation
- stronger connection between policy makers / scientific community / producers
- impact assessment of current measures
- implementation of improved practices
- ***economic efficiency and profitability of improved measures***



THANK YOU FOR YOUR ATTENTION

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