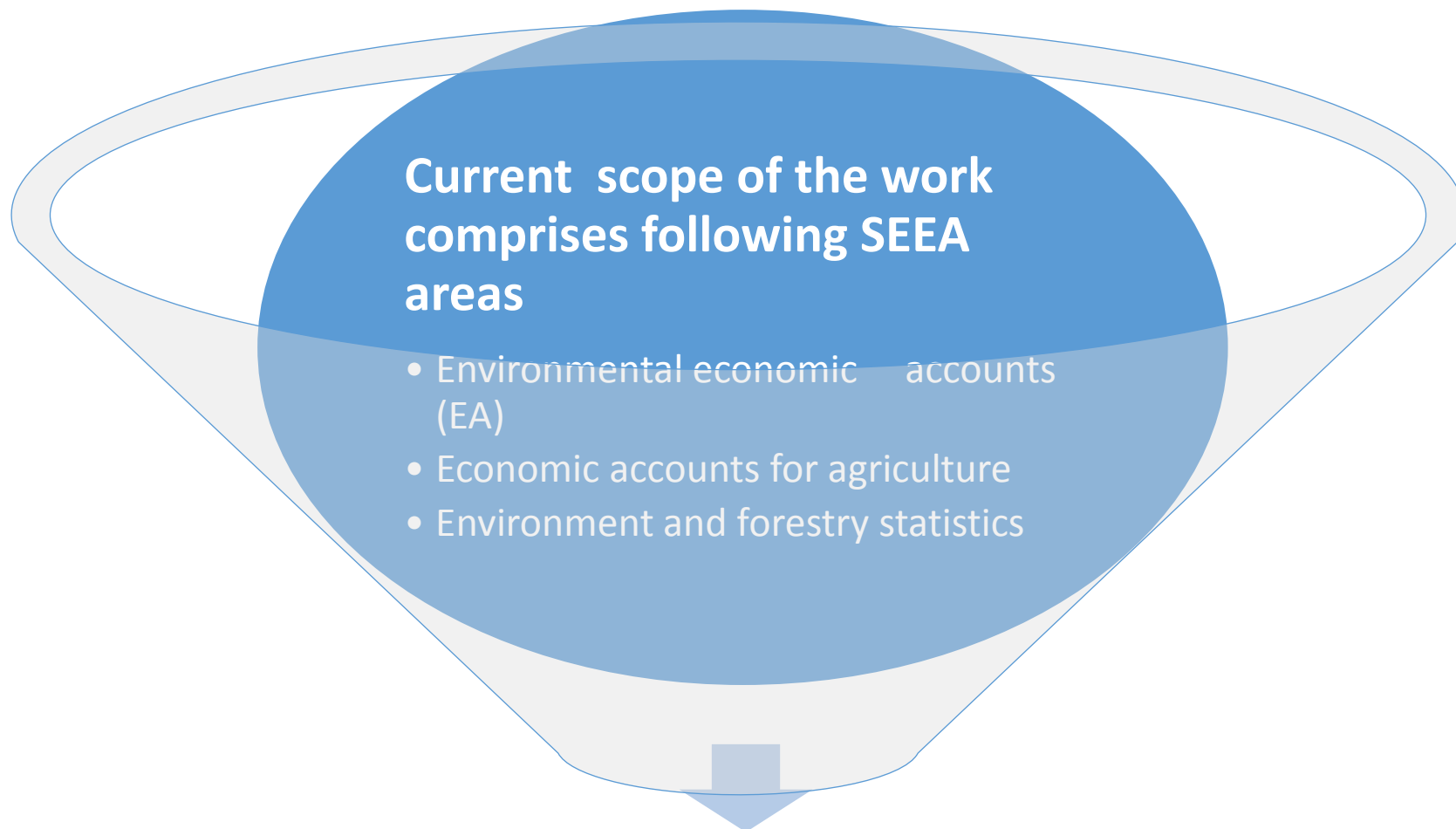




SEEA Implementation in the Statistical Office of the Republic of Serbia

Geneva, October 2015

SEEA framework, production coverage



The work is ongoing

Environmental accounts modules

Current situation and further activities

- Focus on EU regulation on environmental accounts, 691/2011 and 538/2014
- Module for economy-wide material flow accounts (EW-MFA), data series 2000-2013
- Environmental Protection Expenditure
Data are available for:
Investment expenditures, Total current expenditures, and Revenues;
Period 2006-2013 (Revenues, 2012-2013), CEPA domains

Environmental accounts modules, cont'd

Current situation and further activities

- Ongoing developments
Module for air emissions accounts (AEA), September 2015 experimental data calculated
Module for environmentally related taxes by economic activity, October 2015, experimental data calculated
- Data will be published in 2016

Cooperation partners

Organizations assisting SORS:

SIDA (Sweden)

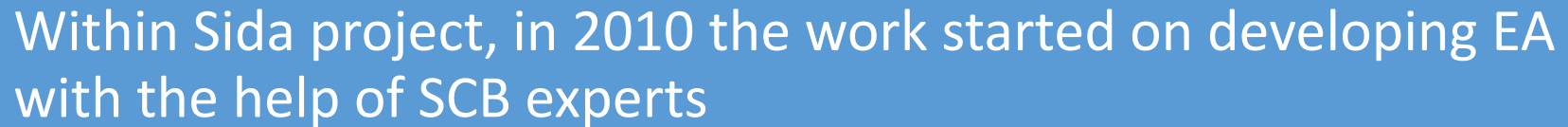
Under SIDA project “Partnership in statistics” work started (in 2010) on identifying data sources and establishing approach for compiling EW-MFA

Also covering AEA and Environmental Protection Expenditure

EU, Eurostat

Under IPA 2012 project work is ongoing on compiling data for the module Environmentally Related Taxes by Economic Activity

First steps



Within Sida project, in 2010 the work started on developing EA with the help of SCB experts

Initial phase covered following steps:

- Scanning of available data sources
- Identifying main challenges/problems that SORS will face during calculations of expenditures and introduction of EA
- Mapping possible EA areas for developing

First steps, cont'd

Results/Points made

A priority list of work on possible modules of EA was made - action plan for introduction of EA at SORS and defining priorities for development and compiling of the accounts

Main conclusion established:

1. Main challenges that SORS will face during the introduction of the accounts were identified
2. Data seemed to be available in Serbia, but compilation depends mostly on the level of development of basic statistics

Focus was given on the EU Regulation 691/2011

First steps, cont'd

- Example: extract from Table „Summary of areas of interest and a valuation of foreseen legislation, effort to retrieve the data and activities needed in Serbia and specific issues to consider“

Area	EU legislation (1-3)*	Effort (1-3)**	Activities	Specific issues to consider
Material Flow Accounts (MFA)	1	1-2	Compile and evaluate existing data sources	Ensure that double counting is avoided: production vs. manufacturing
Environmentally related Taxes	1	1-2	Compile and evaluate existing data sources	Taxes vs. fees, finding right legislation document describing the tax
Energy Accounts	3	-	Wait for further Eurostat developments	
Forest Accounts	2	-	Forestry is not a priority sector	
Waste accounts	3	-	Wait for further Eurostat developments	

*- 1=EU legislation is existing or foreseen in near future, 2=Joint Questionnaire which is gentlemen agreement, 3=legislation or Joint Questionnaire is not foreseen in near future, ** 1=Effort not to large, couple of weeks, 2=Larger effort 3=Vary large effort both economic and physical data is needed

Economy-Wide Material Flow Accounts

Data production process

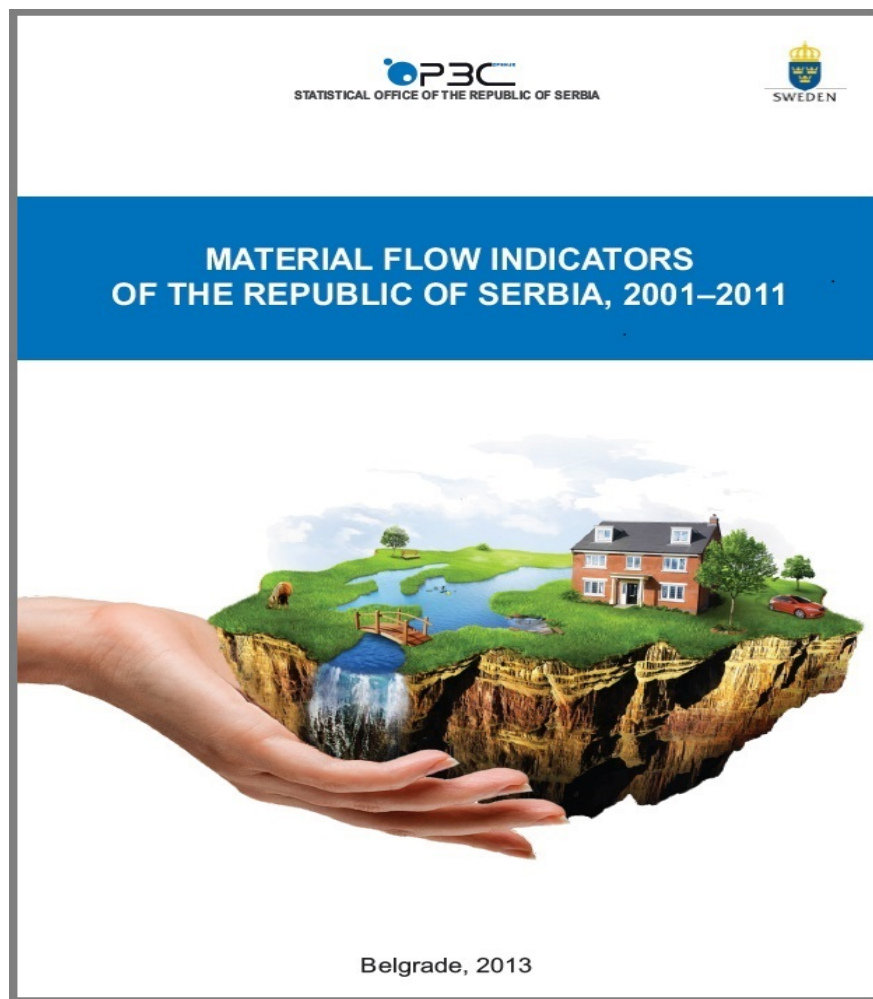
- Seen as a module which compilation would be easy to start with – most of data available already
- In 2011 the EU legislation was in place (EW-MFA has become a part of EA)
- Focus on compilation, cooperation with various SORS departments, administrative producers (Geological Institute), estimation procedures
- Main challenges: Issues of metal ores, sand and gravel, GDP, confidentiality

Economy-Wide Material Flow Accounts, cont'd

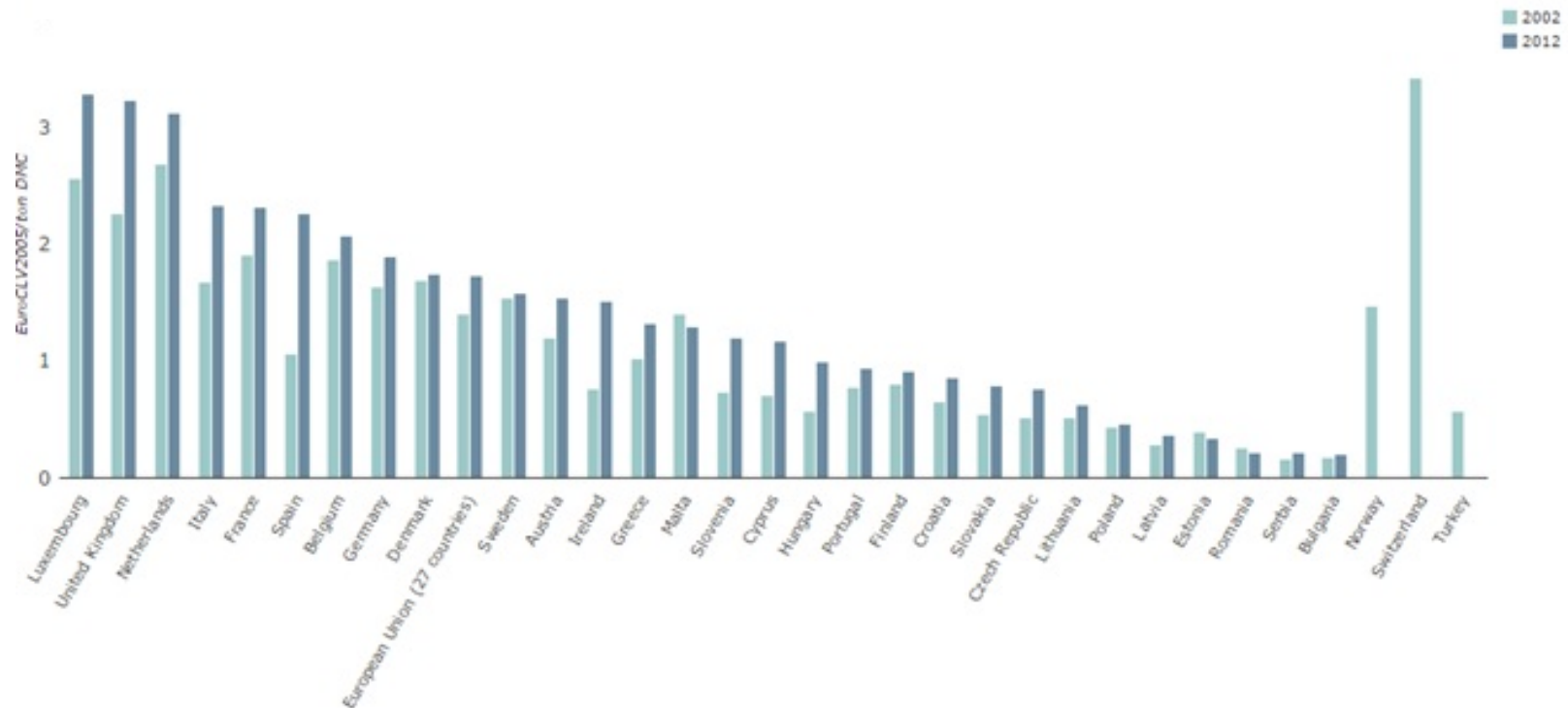
Data production process

- As a result of the work, EW-MFA was established as the basis for calculating material flow indicators
- The first results achieved in 2012
- Reporting to Eurostat annually - Questionnaire, Quality report
- Production and dissemination on web site
- Special publication “Material flow indicators for the Republic of Serbia, 2001–2011”

Material flow indicators of the Republic of Serbia, 2001–2011



Resource productivity, country comparison



Source: Eurostat database

Main challenges in SORS

Lack of human and financial resources – priority will be given to areas covered by EU Regulation

Data sources – inappropriate level of data necessary for compilation of these accounts

Further development limited, the work is ongoing on improving the quality of existing data sources and introducing new surveys

Providing cooperation with institutions that provide administrative data

Cooperation in compiling Environmental accounts

Important element for compilation EA is achieving good cooperation with various data producers

Within SORS

Various departments, mainly from Business statistics and National accounts

Outside SORS

Established, so far, with Ministry of Finance, Ministry of Interior, SEPA

Further work

Priorities for the future

Focus on the EU Regulation No 691/2011 and Regulation No 538/2014 - no capacity for additional areas

Different methodological issues

Put more resource on making use of data of already existing modules (promoting and demonstrating the usage of the figures)

Further work, cont'd

Different methodological issues, primarily:

Ongoing production

Updating database

Data quality improvements (surveys and output quality)

Further improvement of data sources

Modules covered by Regulation No 538/2014

Development of the second set of Modules

Priority will be given to work on Legal parts

International support– our expectations



Role of Eurostat, UN, OECD and other relevant organizations:

- Providing methodologies – clarification of methodological issues, especially for implementing Regulation No 538/2014
- Providing participation on ESTP courses, meetings, workshops, related to EA
- Organizing study visits in countries with good practice
- Facilitating development of new modules through grants – only one so far obtained (in 2014 started the first grant in this area)
- Promoting the usage of existing modules



Thank you for your attention!

Mirjana Bačilović
Satellite Accounts Division
Statistical Office of the Republic of Serbia
mirjana.bacilovic@stat.gov.rs