### **SCENARIO: Slovenian Security First**

Take in account as well nature, population, economical development, well being and international relations issues



### Available material:

- 1. GEO3 scenarios for Europe
- 2. Current situation in Slovenia see step 0 -
- 3. Comparison with the situation 15 years ago see step 0 -

Characteristics in this scenario for Slovenia: narrative



### **SCENARIO: Slovenian Sustainability First**

Take in account as well nature, population, economical development, well being and international relations issues



### Available material:

- 4. GEO3 scenarios for Europe
- 5. Current situation in Slovenia see step 0 -
- 6. Comparison with the situation 15 years ago see step 0 -

Characteristics in this scenario for Slovenia: narrative

Identify environmental and other impacts in two GEO3 scenarios

- check the list of impacts, identify other possible impacts, that are not listed
- identify trends of the impacts by scenarios

Trends in scenario: Waste Slovenian SECURITY First	Trends in scenario: Waste Slovenian SUSTAINABILITY First
Little technology development to prevent generation of h.w.	Higher ec. growth rate but more controlled generation and better treatment
Becouse of low econ. growth rate, low treatment	Higher ec. growth rate, but better treatment
	Waste Slovenian SECURITY First  Little technology development to prevent generation of h.w.  Becouse of low econ. growth rate,



## Identify environmental and other impacts in two GEO3 scenarios



- identify trends of the impacts by scenarios

IMPACTS OF SCENARIOS TO WASTE ISSUES	Trends in scenario: Waste Slovenian SECURITY First	Trends in scenario: Waste Slovenian SUSTAINABILITY First
Impact to well being		<u>••</u>
Impact to biodiversity		$\odot$
Information support	o Only basic information on waste o on conflict in question (economical collapse, natural hazards, institutional disintegration), disaggregated information to cover all inequities that occure	<ul> <li>A lot of information on waste,</li> <li>On technologies for treatment,</li> <li>On consumption patterns</li> </ul>



### STEP 3a:

### Scenario: Slovenian Sustainability First

Identify Driving Forces <u>Available material:</u>

o GEO3 driving forces (to be elaborated more in detail for Slovenia), demography, economical development, human development, science & technology, governance, culture, environmental pressures and material from previous steps

pressures and material from previous steps
DRIVING FORCES
Population growth
Social
Social
Environment
Globalization

### STEP 3a:

Scenario: Slovenian Security First

Identify Driving Forces Available material:

 GEO3 driving forces (to be elaborated more in detail for Slovenia), demography, economical development, human development, science & technology, governance, culture, environmental pressures and material from previous steps



### **DRIVING FORCES**

Population growth – aging society: many people, elderly peoply, less youngsters, longer life expectancy at birth, a lot of problems can be solved with money...

Social – moderately increased inequities, becouse of favourable starting point and moderate poverty, destructed values, unemployment National interest prevail

Environmental degradation: global problems are not managed, focus on some local/national problems

Governance weak, becoming more centralised and than more effective.

# STEP 3b: Identify Goals

**Scenario: Slovenian Security First** 



ACTION OF	GOALS
	Improve cleaner/greener car/vehicle technology (less emissions)
100	
190	
N/2 11	
11/11/11	
ST. CHARLES	
THE REAL PROPERTY.	
ALC:	
70	
W MA	
Up	

# STEP 3b: Identify Goals





GOALS	

### **STEP 4:**

### Identify Policy Options/Measures Scenario: Slovenian Security First



Policy Options/Measures		
Allocate more public money for research and development/innovations on technology.		
Allocate more public money for research and development/innovations on technology.		



### **STEP 4:**

**Identify Policy Options/Measures** 

Scenario: Slovenian Sustainability First



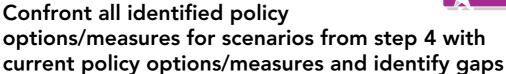
Policy Options/Measures

### STEP 5:

# Confront all identified policy options/measures for scenarios from step 4 with current policy options/measures and identify gaps

Current SI policy options/measures	Gap analyses: missng policy options/measures derived from 2 scenarios from workshop:
Biodegradable waste  -Separate collection of waste - Decrease disposal of biological waste - Recycling and reuse of waste - Treatment of waste residuals educe emissions of GHG  Hazardous waste - Decreasing of generation of hazardous waste - Management of hazardous waste based on the domestic capabilities and better network - Final treatment of has.waste within EU if domestic capabilities don't exist - Collect at least 1kg hazardous material per cap.  Municipal waste - In densely populated areas ensure separate collection of waste: 1per 500 habitants - Centres for separate waste collection (brought by individuals) in each municipality (in densely populated areas with 25000 inhab.) and in other agglomerations 1 per 60 000 inhabitants - Establishment of separate collection of organic waste from restaurants and hotels and their treatment - Establishment of biological treatments of waste (by households)  Packaging waste - Recycling of packaging waste 50% by 2007 and 60% by 2012  Old cars - Ensure 100% collection of used cars - Reuse and recycle up to 95% by 2014 - Appropriate treatment of hazardous	options/measures derived from

### STEP 5:



### Packaging waste

- -Public awareness about collection of hazardous waste
- -Reduction of packaging generation
- -Establishment of the system for packaging treatment and reuse

### Industrial waste

- -Environmental permits and permits for emissions of GHG for all industrial appliances
- -Closure of existing landfills (not fit to standards or costly to maintain)
- -Reconstruction and expansion of existing landfills which fit to standards

### -For big plants BAT

### Other policy options/measures:

- -New infrastructure (regional waste treatment plants and national thermal treatment plants)
- -Introduction of clean technologies (BAT) and pre treatment of waste
- -Better efficiency of existing treatment plants, treatment close to generation and as much as possible regarding the volume of gen. waste
- -Strategic environmental assessments
- -Program for enhancement of environmental technologies for RS
- -Participation to EU activities in this programme
- -Revision of environmentally unfriendly subsides
- -Green procurement

Public awareness and participation Better environmental awerness

Monitoring and inspection

Enhancement of sustainable consumption and production -guidelines for sustainable consumption

Central centre for environmental information





### STEP 5:

Confront all identified policy options/measures for scenarios from step 4 with current policy options/measures and identify gaps