

The Friuli Venezia Giulia Region energy strategy

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Department of environment and energy
Workshop on geothermal energy - Status and future in the
Peri-Adriatic Area
Veli Lošinj
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Overview

- **Short energy outlook of the Friuli Venezia Giulia Region - RES insight**
- **State of the art of the energy plan**
- **Objectives and measures of the plan**



Overview of RES share

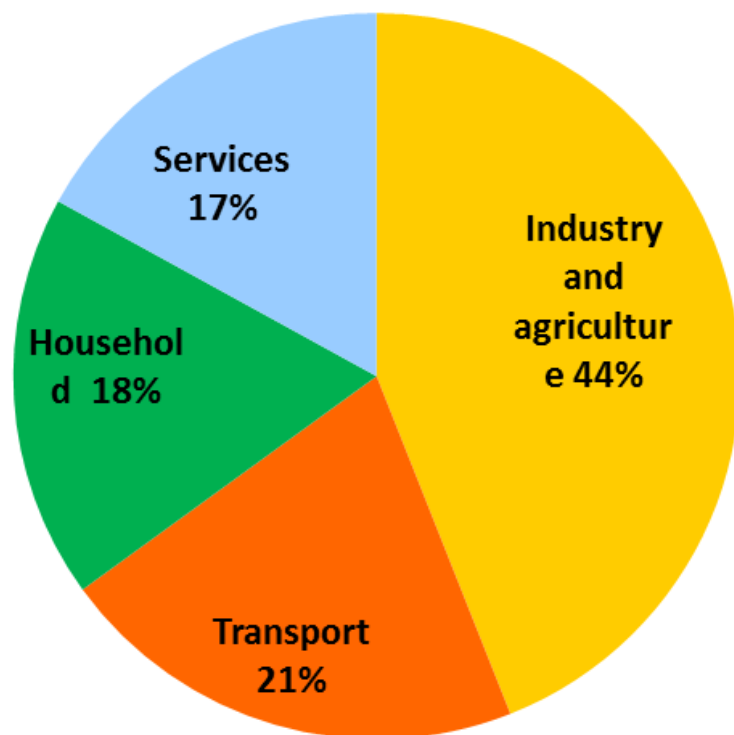
RENEWABLE ENERGY SOURCES								
	RES Targets 2020	RES -Transport target 2020	RES-Heat target 2020 (indicative)	RES - Electricity Target 2020 (indicative)	RES 2012 SHARE	RES-TRANSPORT share 2012	RES - HEAT share 2012	RES-ELECTRICITY 2012
EU	20%	10%	25%	40%	14%	6%	14%	23,40%
Italy	17,5	10,10%	17,10%	26,40%	11,5	4,90%	11%	23,50%
Friuli Venezia Giulia	12,70%	-	-	-	9-10 % ?	-	?	22%

Friuli Venezia Giulia RES targets 12,7% 2020
RES (RES-H+RES-E)/Final energy consumption
Italy has met the 2011 ad interim target of 7,6% RES

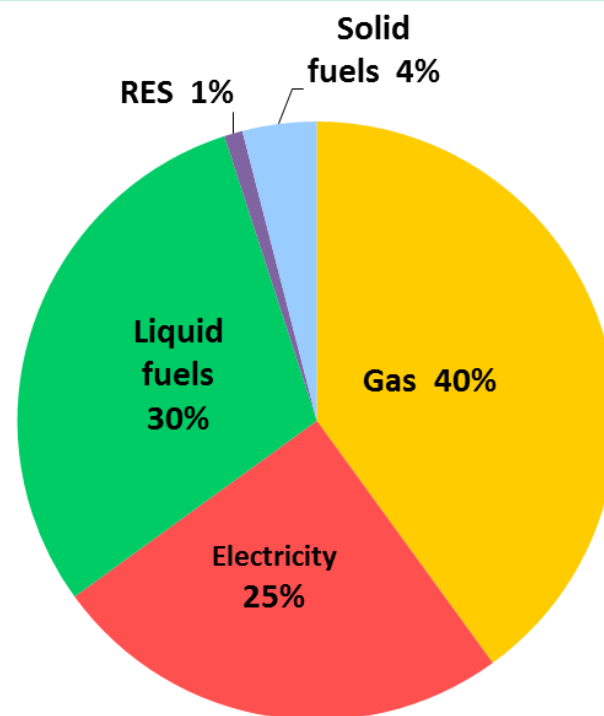


Energy outlook – FVG Region

Final energy demand by sector



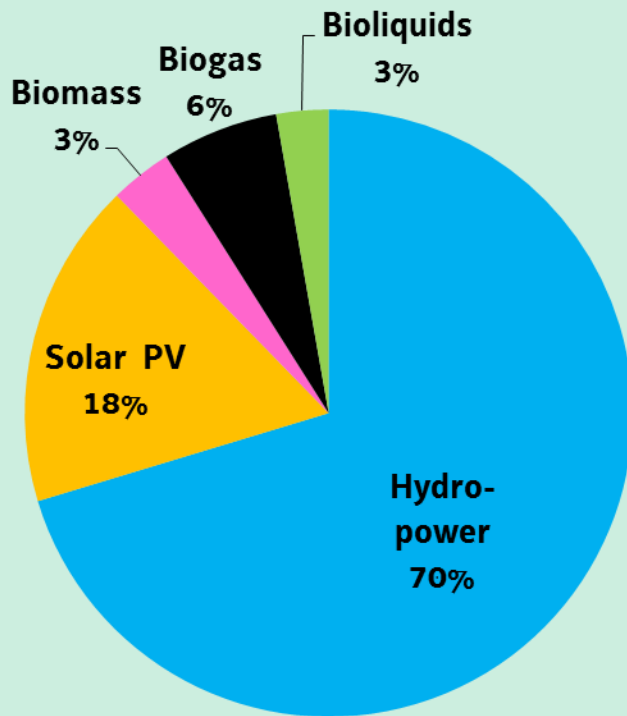
Energy demand by carrier



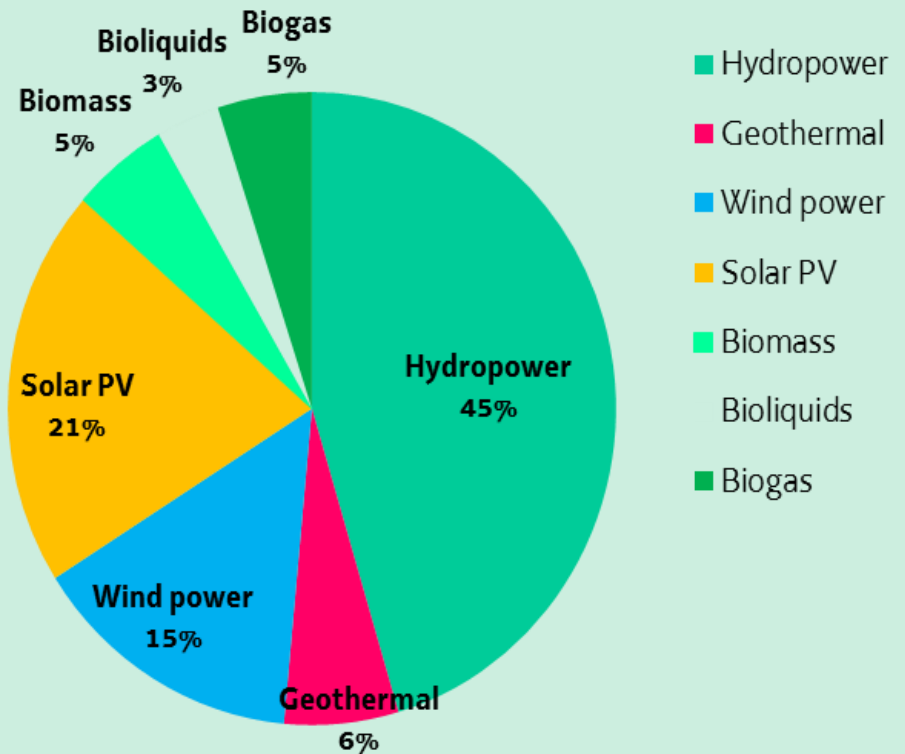


RES – E outlook in Italy and in the Friuli Venezia Giulia Region

RES-E share in the Friuli Venezia Giulia Region (MWh)



RES-E share in Italy MWh



Source GSE 2012

Stumbling blocks in future RES targets and deployment in the FVG Region

RES Electricity

Incentive system

Access to finance

Authorization
procedure

Grid connection/
infrastructure

RES Heat&Cooling

Information

Qualification of
installers

Supply chain

Complexity of the
legal framework

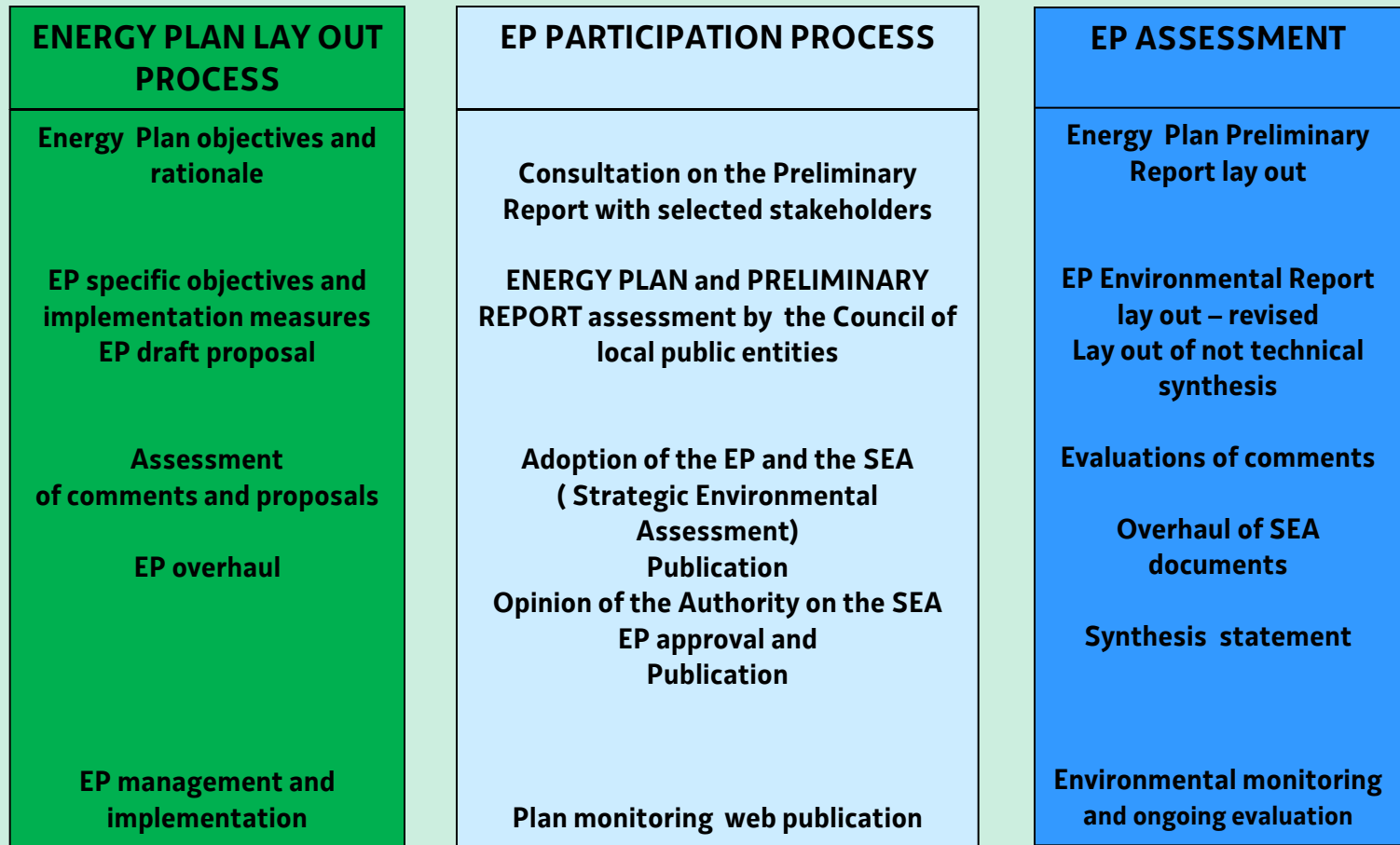
RES Transport

Lack of stations for
alternative fuels

The Regional energy plan activities

- **TIMELINE**- From April 2014 to July 2015
- **ENERGY PLAN ACTIVITIES**
 - SEA process (SEA of the plan - Preliminary Report was laid out and approved in March 2014 by the Government)
 - Update regional energy balance
 - Plan lay out
 - Consultation
- **ENERGY PLAN DOCUMENT** – energy assessment, offer and demand, energy scenarios and socio economic impacts
- **ENERGY PLAN FRAMEWORK AND INTERFACE** with old plan, EU and national targets, regional energy law 19/2012, other plans (mobility, territory, waste, environment etc)

The energy plan procedure



Key objectives of the future plan

- Support energy distributed generation
- Support to energy from RES
- Environmental improvement and GHG emissions reduction
- Energy innovation, R&D and energy security
- Support to energy competition and to low energy prices
- Increase energy efficiency consistently with EU and national provisions

Key implementation measures of the plan:

- **Support energy efficiency in public buildings, transport and industry**
- **Overhaul the energy distribution system defining the main energy corridors and implementing smart grids**
- **Support energy audits**
- **Support to towns that joined the Covenant of Majors (Decree 2201/2013)**
- **Enhancing sustainable transport and in particular electric mobility and intelligent charging stations**
- **Define the optimal energy RES and not RES mix and the use of local energy sources like biomass from sustainable short supply chains, hydropower and geothermal sources**
- **Contribute to reducing regional GHG emissions**
- **Economic support measures (i.e.bank of white certificates etc)**



Thanks for the attention!

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