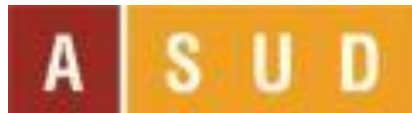




**CLIM'ACTCAMP**  
YOUTH FOR CLIMATE  
CSOA LA TORRE 9-16 JULY 2017

# EU AND ITALY FOCUS

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- ❖ European Union focus
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# What Europe is doing?



Eu targets are organised in 3 timescales: 2020, 2030 and 2050

- 2020 CLIMATE AND ENERGY PACKAGE
- 2030 CLIMATE AND ENERGY FRAMEWORK
- 2050 LOW-CARBON ECONOMY

# 2020 CLIMATE AND ENERGY PACKAGE

Elaborated by EU in 2007 and implemented in 2009, it targets:

- 20% emissions' cut on 1990 by 2020;
- 20% renewable energy consumption by 2020;
- At least 20% energy efficiency

# 2030 CLIMATE AND ENERGY FRAMEWORK

Adopted by UE in october 2014, it targets:

- Emission reduction below 40% on the basis of 1990 levels;
- 27% consumption of renewable energy;
- 27% of energy economy in regards to business-as usual.

# 2030 CLIMATE AND ENERGY FRAMEWORK

- EU companies binded by the Emission Trade Systems needs to decrease their global emissions below 43%
  - Other energy sectors (air conditioning, transport, agriculture emissions, small industry) also called no-ETS, shall decrease their global emissions by 30%
- to be realised through the Effort Sharing mechanism between the various member state.

# 2050 LOW-CARBON ECONOMY

The UE targets to reduce emissions by 80-95% of 1990 levels by 2050.

Following the Energy Road Map elaborated in 2011, it will be reached through:

- Energy efficiency
- Renewable energy
- Nuclear energy
- CO2 capture and storage

# INCD European Union



- The EU built its INDCs based on its energy objectives for 2030 voted in 2014
- Under Climate Action Tracker classification, UE commitments are “medium”, **not too ambitious**
- The overall UE target of emission reduction is **too modest** to be considered convincing.
- The current EU policie shall **reduce domestic emissions 23-35%** below 1990 levels
- For Climate Action Tracker another critical element is that EU INDCs includes Land Use, Land Use Change and Forestry - **LULUCF**



# Focus Italy

## ITALY OF COAL

Centrale	Proprietà	Localizzazione	N° moduli	Potenza modulo	Potenza totale
Brindisi Nord	Edipower	Puglia	2	320 MW	640 MW
Fiumesanto	EON	Sardegna	2	320 MW	640 MW
Vado Ligure	Tirreno Power	Liguria	2	330 MW	660 MW
Monfalcone	A2A	Friuli	1+1	165 MW + 171 MW	336 MW
Brescia	A2A	Lombardia	1	70 MW	70 MW
Torrevaldaliga Nord	ENEL	Lazio	3	660 MW	1.980 MW
Brindisi Sud	ENEL	Puglia	4	660 MW	2.640 MW
Genova	ENEL	Liguria	3	70 MW (Gr. 3) + 70 MW (Gr. 4) + 155 (Gr. 6) MW	295 MW
Sulcis	ENEL	Sardegna	2	350 MW (Sezione SU2) + 240 MW (Sezione SU3)	590 MW
Fusina	ENEL	Veneto	4	165 MW (Gr. 1) + 172 MW (Gr. 2) + 320 MW (Gr. 3) + 320 MW (Gr. 4)	976 MW
Marghera	ENEL	Veneto	2	70 MW	140 MW
La Spezia	ENEL	Liguria	1	600 MW	600 MW
Bastardo	ENEL	Umbria	2	75 MW	150 MW

- HEAL REPORT 2016, 22.900 PREMATURE DEATHS, THOUSANDS OF ILLNEASSES, HEALTH COSTS ABOUT 62,3 BILLION € CAUSED BY COAL POWER PLANTS IN EUROPE
- 12 COAL POWER PLANTS
- AMONG THE 30 MOST CONTAMINATION COAL POWER PLANTS: BRINDISI IS 8°, CIVITAVECCHIA 12°

# Focus Italy

## HYDROCARBON EXTRACTION



- April 2016: **Referendum** against offshore extraction (lost)
- End 2016, **Air Gun exploration** authorised in 30 sqkm in the adriatic
- Currently there are **118** extractive concessions active in land and **67** offshore

# Focus Italy

## INCENERATORS



- There are 40 working incinerators: the national total capacity of treatment in november 2015 was 792.893,77 MW for 5.910.099 t/year
- 8 new incenerators are planned under the “unlock Italy decree” and authorised by the president of the ministry council in august 2016.
- They’ll burn 1.831.000 Tonnes of waste producing further 1.454.000 tonnes of CO2.



**Legenda**

Settore Industriale	Tipologia di impianto
Energia →	<ul style="list-style-type: none"> <li>● Energia (altro)</li> <li>◆ impianto produzione energia</li> <li>■ Riveselazione</li> </ul>
Infrastrutture →	<ul style="list-style-type: none"> <li>■ Infrastruttura ferroviaria</li> <li>■ Infrastruttura generica</li> <li>■ Infrastruttura stradale</li> </ul>
Rifiuti →	<ul style="list-style-type: none"> <li>■ Discarica Rifi</li> <li>■ Rifiuti (altro)</li> <li>◆ Termovalorizzazione</li> </ul>
Altro →	◆ Altro

REGIONE	Tot. Impianti
ABRUZZO	22
BASILICATA	6
CALABRIA	11
CAMPANIA	15
EMILIA-ROMAGNA	31
FRUILI-VENEZIA GIULIA	18
LAZIO	19
LIGURIA	8
LOMBARDIA	46
MARCHE	20
MOLISE	2
PIEMONTE	8
PUGLIA	10
SARDEGNA	11
SICILIA	12
TOSCANA	42
TRENTINO-ALTO ADIGE	11
UMBRIA	11
VALLE D'AOSTA	1
VENETO	40

## MEGA PROJECTS RELAUNCHED THROUGH THE “UNLOCK ITALY” DECREE

**14 projects for 28 billions 866 millions €, among which:**

High Speed train Naples-Bari (2,9 billions)

High Speed train Turin-Lyon (2,9 billions)

Train Messina-Catania-Palermo (5,25 billions)

High Speed way Orte-Mestre (10,4 billions)

High Speed Bypass Bologna (1,3 billions)

Regional High Speed way Cispadana (1,2 billions)

High Speed way Valdastico Nord (1,031 billions)

# Recent policies



## UNLOCK ITALY DECREE

**Art. 7:** stimulate privatisation of public owned companies

**Art.35:** Incineration as a core energy and economy strategy for the country (+12 incenerators)

**Art. 36-38:** expansion of extractive activities, centralisation of power, energy policies as national strategy activities

# Recent policies



## MOREOVER

- NEW MINOR PROJECTS IN THE “UNLOCK ITALY DECREE” (**14 PROJECTS FOR 1,198 BILLION**)
- BIG PROJECTS NOT FUNDED BY THE DECREE (**12 PROJECTS FOR 13,198 BILLION**)

# Recent policies



## Spread Incentives Decree

Implies a reduction of incentives for photovoltaic plants of power superior to 200kW. It applies also to incentives already granted.

# Recent policies



## **President of Ministries' council Decree, August 2016**

By Renzi government, establishes the areas where to locate the 8 (12) new incenerators and their capacity.



# Latest policies implemented

## SEN – NATIONAL ENERGY STRATEGY (2017)

### 3 main objectives:

- Reduce the gap of energy cost by getting in line with EU price
- Reach the climate and energy EU objectives for 2020 and 2030
- Improve energy furniture security and system flexibility

To reach its goals, the core idea is to make of Italy **the European “Hub” of gas**. l'idea cardine è di rendere **l'Italia un “hub” del gas**.

This way **new gasducts** are now considered **strategic**

Scenario out of coal power is entirely based on their development.



What to do?

**LINK THIS FIELD OF DIFFUSED LOCAL  
MOBILISATIONS**

**TO**

**GLOBAL STRUGGLES AGAINST  
CLIMATE CHANGE**



# MOVEMENTS FOR CLIMATE JUSTICE

For 2 decades now, social movements crowd UN summits to give voice to proposals of concrete policies and actions to fight climate change

CONCRETE PROPOSALS **VS** FALSE SOLUTIONS

# MOVEMENTS FOR CLIMATE JUSTICE

## 10 “right steps” to prevent climate chaos:

1. reduce and finally stop fossil resources extraction: leaving 80% of known oil reserve under the ground and put an end to fossil fuels' sector subsidies IMAGE
2. fix reduction targets in absolute terms and not %, as for example 44GT by 2020, 40GT by 2025, 35GT by 2030. And guaranteeing that reductions are measured without accounting reduction evaluated from the financial mechanism
3. actuate a real energy transition based on decentralised renewable energy model with major control and rights for local administrations and communities

# MOVEMENTS FOR CLIMATE JUSTICE

## 10 “right steps” to prevent climate chaos:

4. actuate a real transition of the economic model towards a more socially and environmentally sustainable society respecting the limits of our planet (local production and consumption, small agriculture and energy production systems, sustainable conversion of productive systems, limit transportations, adopt real zero waste strategies, etc..)
5. Promote local production and consumption and avoid transportation of goods that can be produced locally
6. Stimulate agriculture transition from industrialised agriculture to community based agriculture guaranteeing food sovereignty

# MOVEMENTS FOR CLIMATE JUSTICE

## 10 “right steps” to prevent climate chaos:

7. Adopt and apply 0 waste strategie and push energy efficiency of buildings
8. Improve and expand public transport of goods and people inside and between cities
9. Develop new economy sectors (or under developed existing ones) to create new occupation able to balance with the earth system
10. Dismantle war industry and reallocate war budget to fight climate change

**Thanks for the attention!**

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