

FEDERAZIONE NAZIONALE
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ITALIAN- NORVEGIAN ENERGY DIALOGUE Solutions for the Future

***Session on “ITALIAN- NORVEGIAN COOPERATION
WITHIN THE RENEWABLE ENERGY FIELD”***

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With over 1.200 member companies, the ANIE System supplies technologies for public and private infrastructures in strategic markets such as Energy, Building, Transport and Industry.

Italian Electrical Engineering and Electronic Industry figures for 2015

- **55 billion euro of total turnover**
- **30 billion euro of export (over 50% on total turnover)**
- **410.000 employees**
- **4% intra-mural R&D expenditure on Total Turnover**
(less than 1% the corresponding % in average for Manufacturing Industry)
- **almost 60% of the production value comes from SMEs**

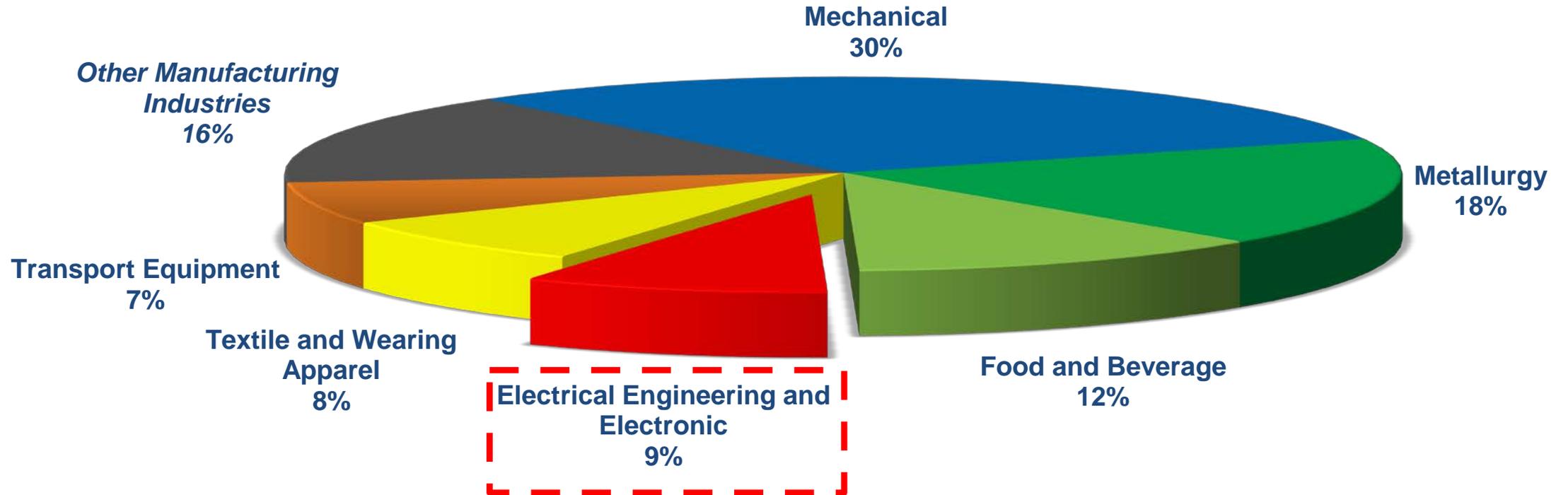
Italian Export to Norway by industrial sector



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Year 2015: Total Italian Export to Norway 1.6 Billion of Euro,
distribution by rate

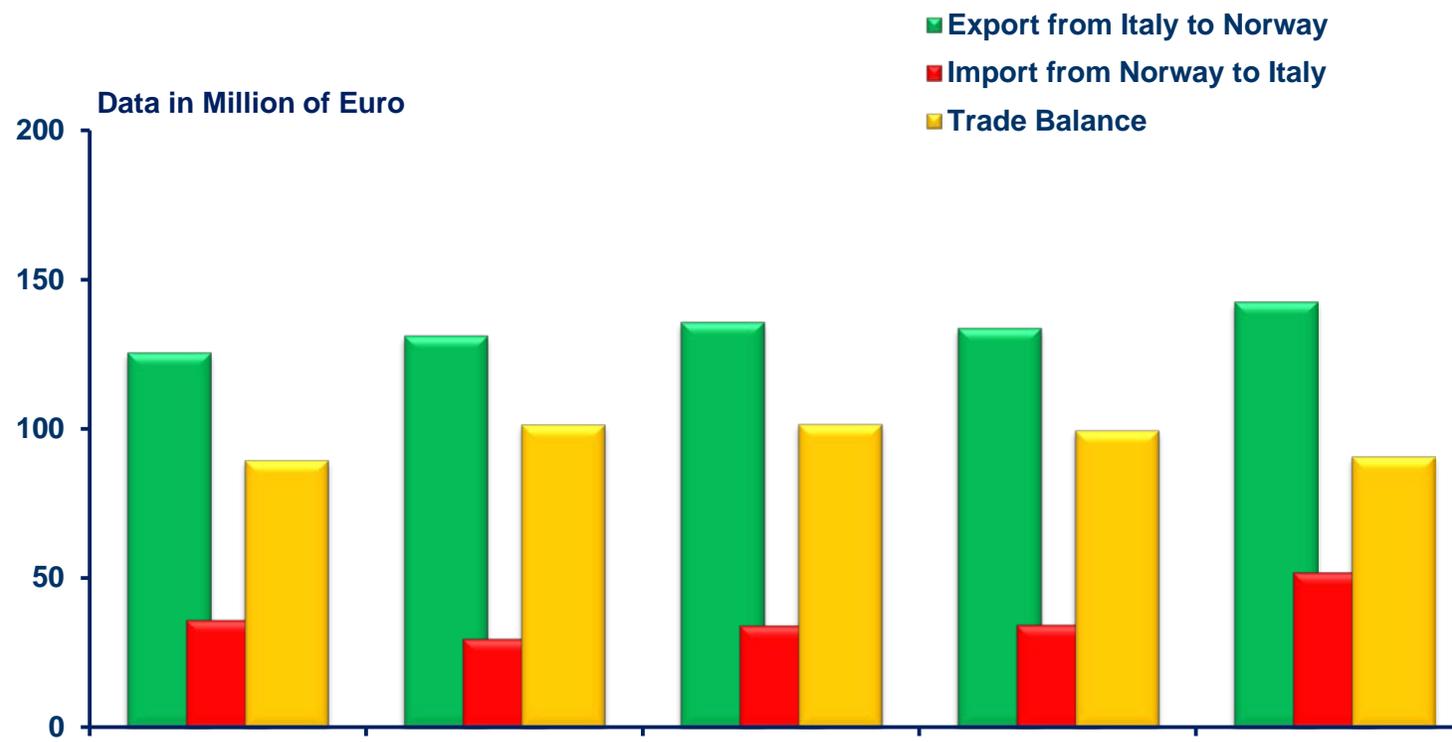


Source: ANIE processing on ISTAT data

Trade Balance Italy-Norway of Electrical Engineering and Electronic Industry



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TRADE OF ELECTRICAL ENGINEERING AND ELECTRONIC INDUSTRY	Data in Million of Euro				
	2011	2012	2013	2014	2015
Export from Italy to Norway	125.6	131.3	135.9	133.9	142.7
Import from Norway to Italy	36.1	29.9	34.3	34.5	52.0
Trade Balance	89.5	101.4	101.6	99.4	90.7

Source: ANIE processing on ISTAT data

Italian Export to Norway of Electrical Engineering and Electronic Industry

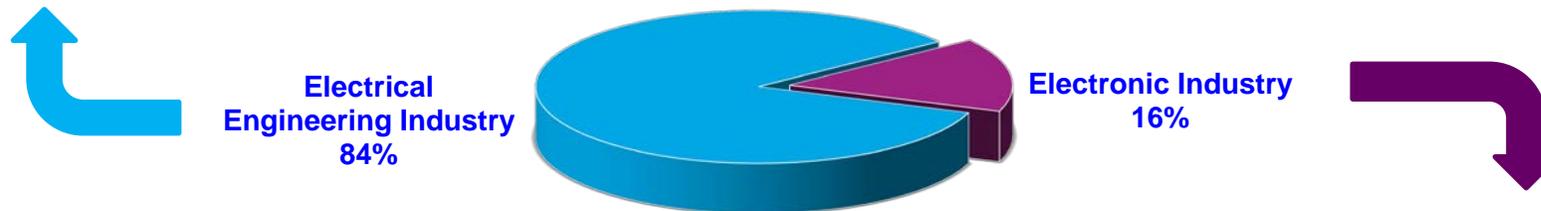


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ELECTRICAL ENGINEERING INDUSTRIAL SECTORS	Million of Euro	% rate 2015	Δ % 2015 / 2014
Power Production, Transmission and Distribution	54.7	38.3	24.7
Lighting	24.4	17.1	6.4
Components and Devices for electrical installations	15.6	10.9	14.2
Cables	14.1	9.9	-15.4
Household Appliances and Catering Equipment	9.0	6.3	-21.2
Lifts and Escalators	1.4	1.0	-18.4
Electrified Transports	1.3	0.9	n.s.

Year 2015: 142.7 Million of Euro



ELECTRONIC INDUSTRIAL SECTORS	Million of Euro	% rate 2015	Δ % 2015 / 2014
Factory and Process Automation	21.1	14.8	8.0
Electronic Components	0.8	0.5	11.4
Security, Fire Safety and Building Automation	0.4	0.3	n.s.

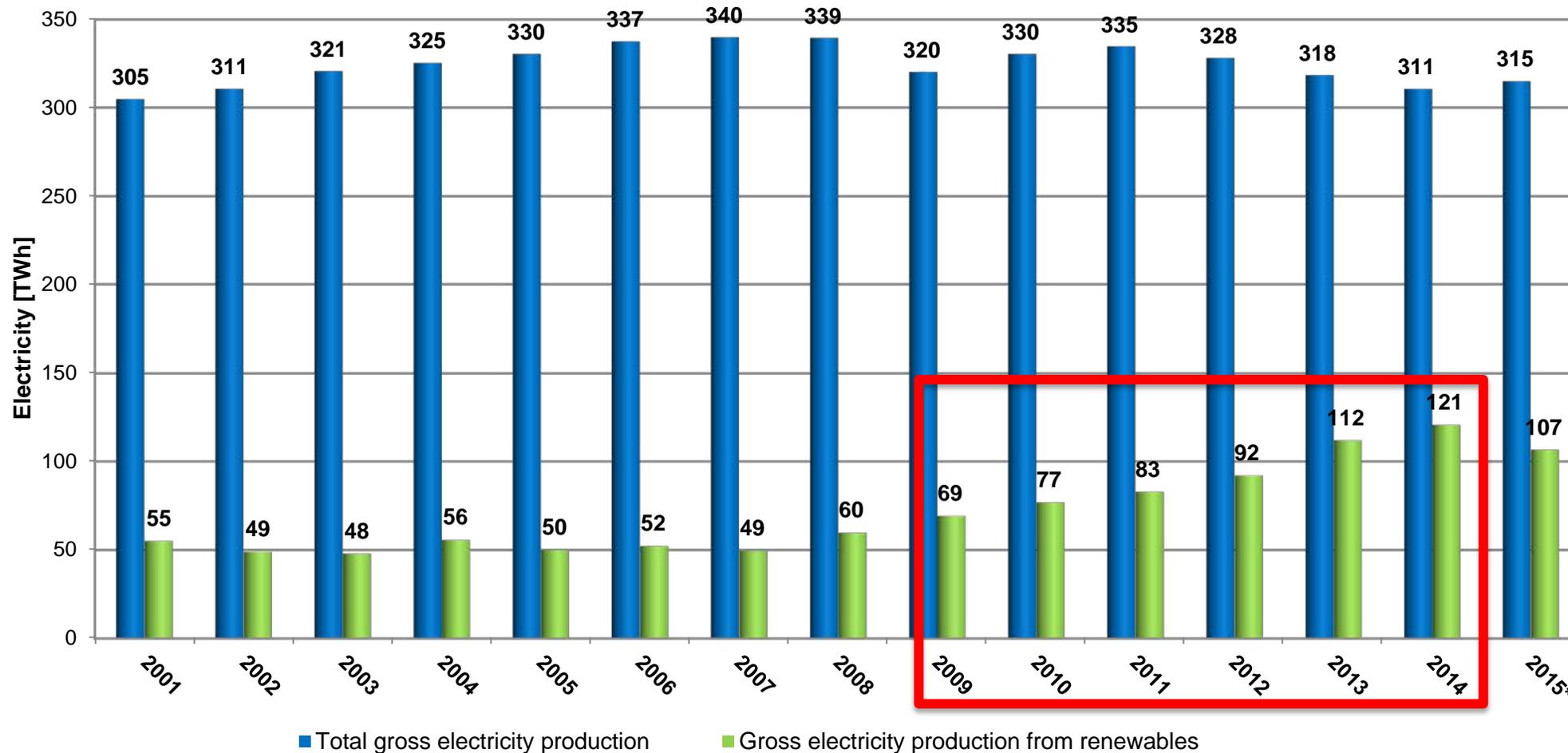
n.s. = data statistically non significant

Source: ANIE processing on ISTAT data

Italian total electricity production vs production from renewables



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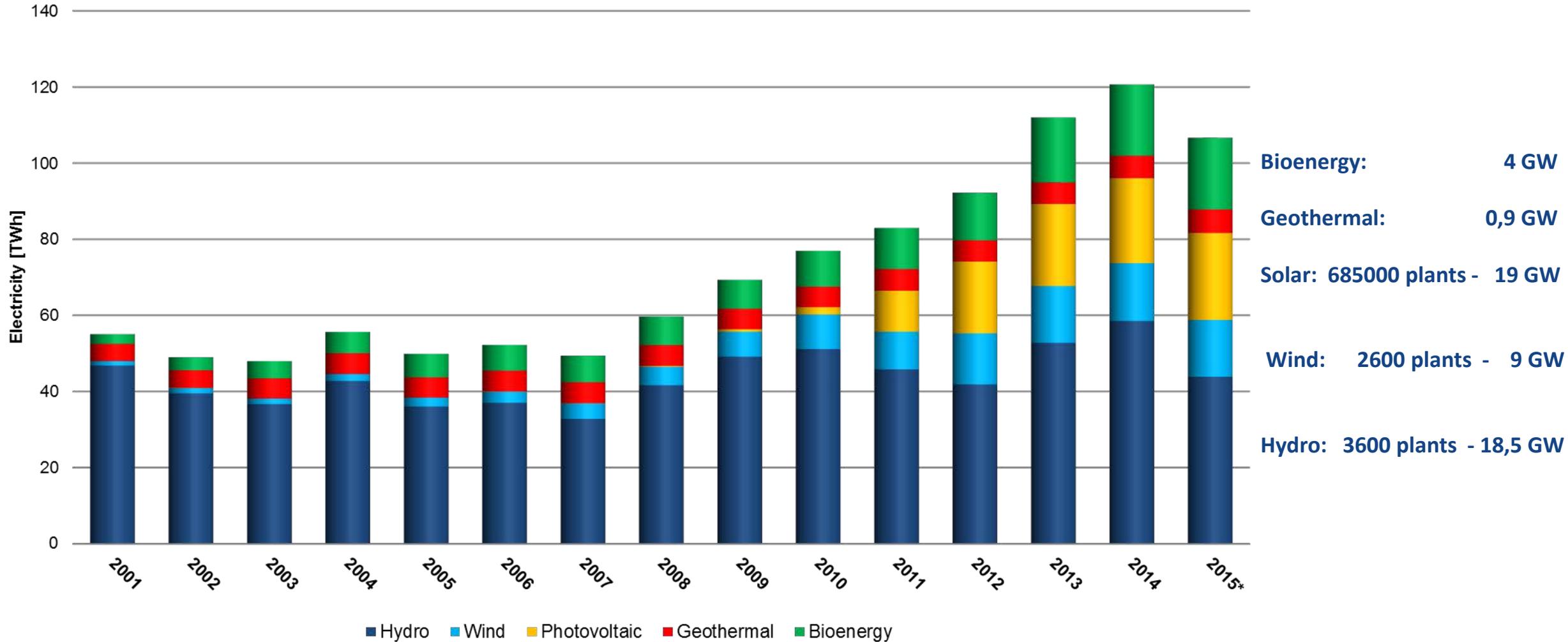


Doubled in 5 years, from 20% to 40%

Gross electricity production from renewables



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Source: GSE

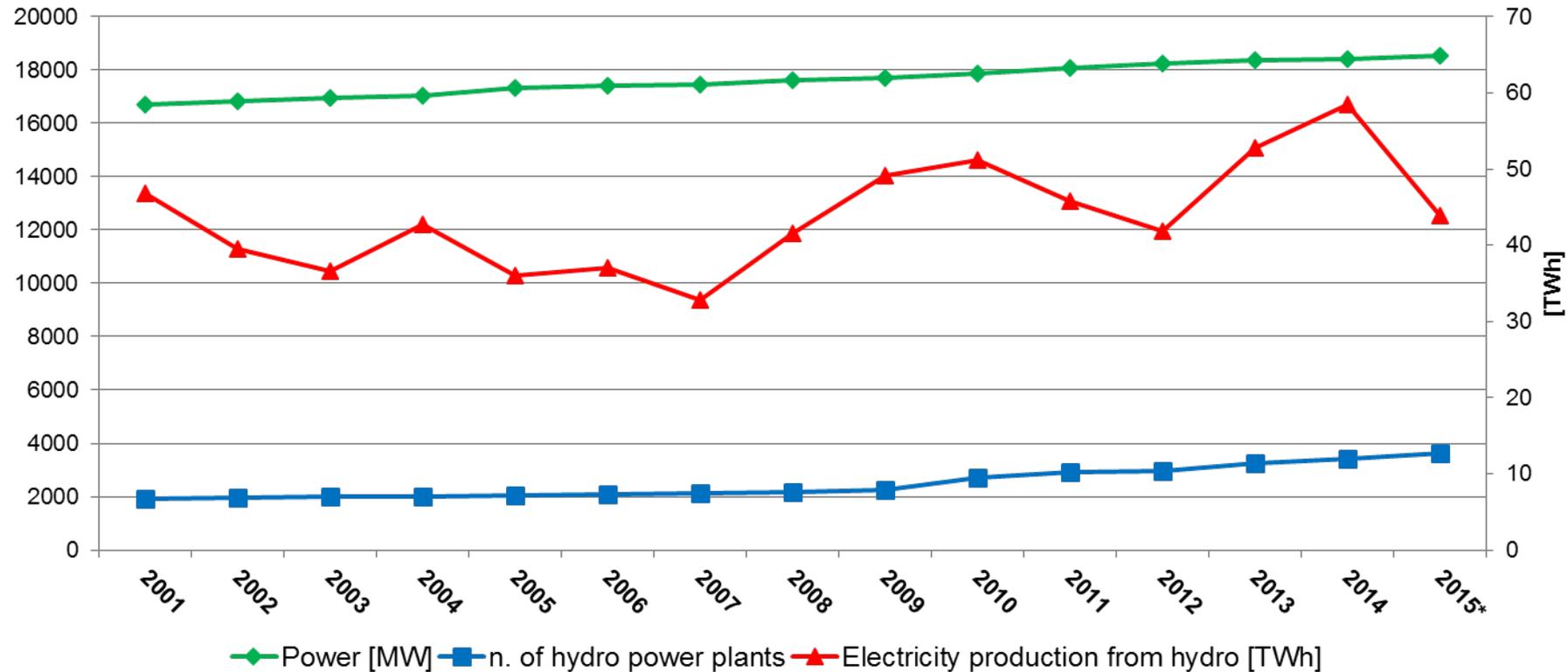
FOCUS on hydro power plants



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Size	2015 * n. of plants	2015* Power [MW]
≤ 1 MW	2.491	721,8
1 MW < P ≤ 10 MW	851	2.558,4
> 10 MW	303	15.245,1



Source: GSE



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Thank you for your attention