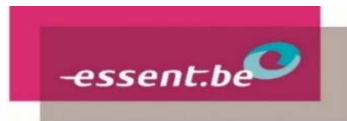


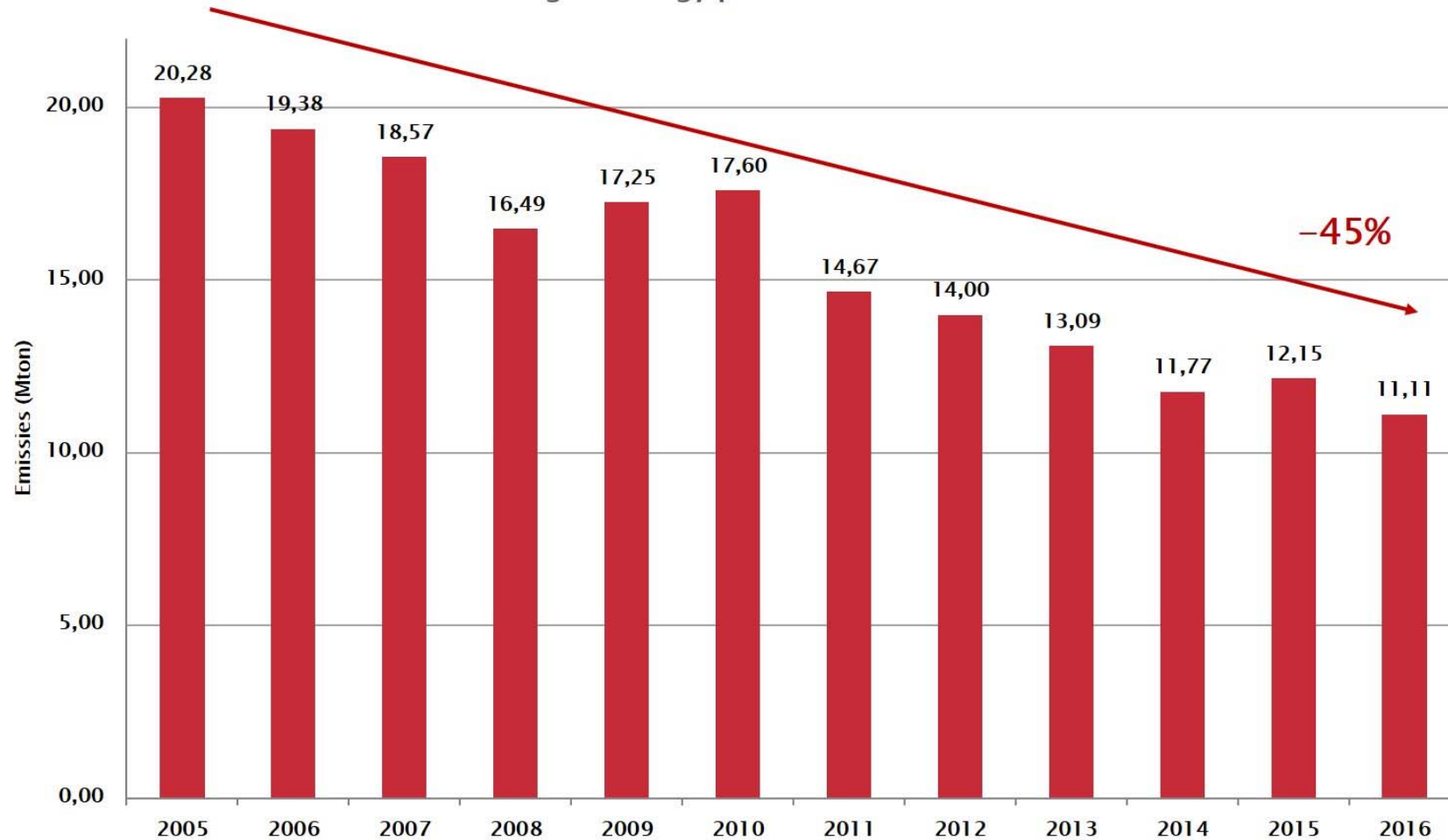


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Fédération Belge des Entreprises Électriques et Gazières
Federation of Belgian Electricity and Gas Companies

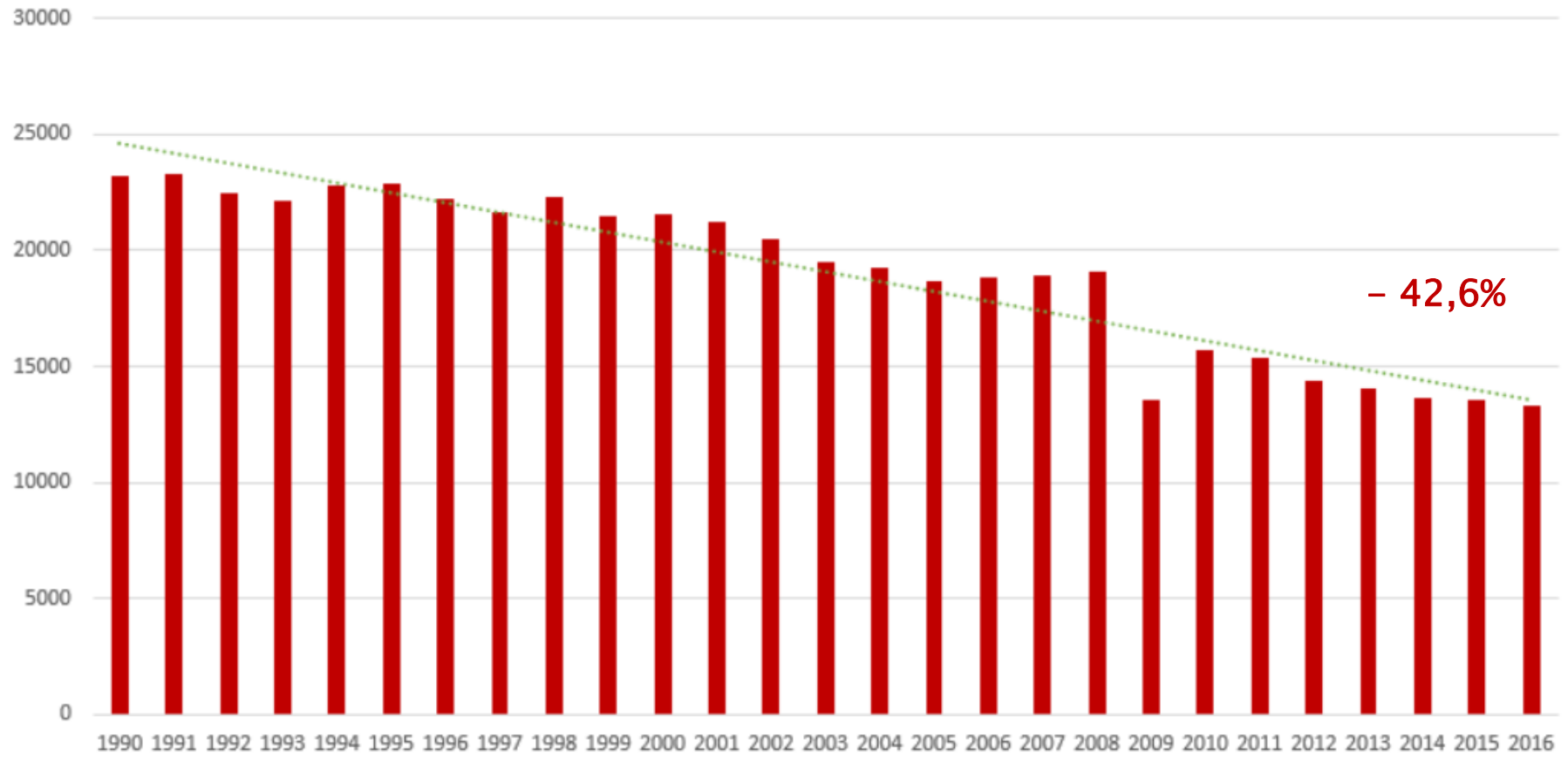







CO2 emissions Belgian energy production sector under 'EU-ETS'



Emissions GHG Energy-Intensive Industry Belgium (kT CO₂-eq)





			
Financial support	<ul style="list-style-type: none"> - Investeringsaftrek - Ecologiepremie - Strategische ecologiesteun - Carbon leakage 	<ul style="list-style-type: none"> - Investment deduction - Aide spécifique énergie - Subside audit énergie 	<ul style="list-style-type: none"> - = - Subsidy Energy Investment support
Funds	<ul style="list-style-type: none"> - Green security - Participation funds 	<ul style="list-style-type: none"> - Participation funds 	<ul style="list-style-type: none"> - Participation funds
Voluntary agreements	<ul style="list-style-type: none"> - EBO 	<ul style="list-style-type: none"> - Accord de branche 	
Obligations	<ul style="list-style-type: none"> - BEP 		
Sensitize and inform			

EBO (energiebeleidsovereenkomst)

- Objective
 - Innovative industry energy-efficiency
 - Anchor industry in Belgium
 - Industry contributions to energy and climate goals
- Who?
 - Energy-intensive industry (>0,1 PJ per year)
 - 450 companies - 80% energy use industry (Flanders)

	VER-bedrijven	Niet VER-bedrijven
Rendabel	IRR > 14%	IRR > 12,5%
Potentieel rendabel	10% > IRR > 14%	10% > IRR > 12,5%

EBO (energiebeleidsovereenkomst)

- Obligations
 - Action plan
 - Energy plan
 - Monitoring
- What if you do not sign up for EBO
 - Energy plan
 - Energy audit (4 years)
 - monitoring

EBO (energiebeleidsovereenkomst)

- Results
 - \pm 2.500 measurements
 - – 3,61% primary energy use (17,4 PJ – 4.833GWh – 1.400 kT CO₂)
 - 12 PJ fuel – 5,4 electricity
- Quid pro quo
 - No extra Flemish rules concerning EE and CO₂-reduction
 - Exception: European obligations
 - conformity EBO-rules = conformity other rules
 - Lower excise duties energy products

Upcoming

Intra federal Energy pact (Industry)

Energy efficiency increase 10% (2020–2030); 30% (2050–2020)
(baseline 2020)

Heat recovery, energy management, voluntary agreements,
Energy–efficiency action plans for SME's (mini EBO)
(500.000 SME's in Belgium – 98,8% of all companies)

By 2050 70 – 80% of thermal energy is renewable (biomass, RE gas,
solar, heat pump) or electric

Encourage changes in production processes, use of raw materials,
reduce material compound of products

Solutions for companies unable to change processes or products

Upcoming – proposals industry

Industry
Improve ESCO
CCU/CCS/heat networks
Raise investment deduction (13,5%) (NL 58%)
Develop local energy communities
Solutions for companies unable to change processes or products
'One stop shop'
Develop O&O

Feboeg

Federatie van de Belgische
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