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#### COVER NOTE

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From: Secretary-General of the European Commission,  
signed by Mr Jordi AYET PUIGARNAU, Director

date of receipt: 9 April 2019

To: Mr Jeppe TRANHOLM-MIKKELSEN, Secretary-General of the Council of  
the European Union

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Subject: ANNEX to the REPORT FROM THE COMMISSION TO THE EUROPEAN  
PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND  
SOCIAL COMMITTEE, THE COMMITTEE OF THE REGIONS AND THE  
EUROPEAN INVESTMENT BANK Fourth Report on the State of the  
Energy Union

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Delegations will find attached document COM(2019) 175 final - ANNEX.

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Brussels, 9.4.2019  
COM(2019) 175 final

ANNEX

ANNEX

*to the*

**REPORT FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE  
COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE, THE  
COMMITTEE OF THE REGIONS AND THE EUROPEAN INVESTMENT BANK**

**Fourth Report on the State of the Energy Union**

## Annex – Updated Roadmap for the Energy Union – State of play: 9 April 2019

Key: SoS: Security of Supply / IEM: Internal Energy Market / EE: Energy Efficiency / GHG: Greenhouse gases / R&I: Research and Innovation

This roadmap is the one presented in the Annex to the Commission Communication "A Framework Strategy for a Resilient Energy Union with a Forward-Looking Climate Change Policy", adopted on 25 February 2015 (COM(2015)80) and updated in November 2015 in the context of the 1<sup>st</sup> State of the Energy Union Report (COM(2015)572), in February 2017 in the context of the 2<sup>nd</sup> State of the Energy Union Report (COM(2017)53) and in November 2017 in the context of the 3<sup>rd</sup> State of the Energy Union Report (COM(2017)688). New information in this table relates to the last column, which provides an update for those initiatives which have already been adopted or where the time schedule changed.

<b>Actions</b>	<b>Responsible party</b>	<b>Timetable</b> (shown in the annex to COM(2015)80)	<b>SoS</b>	<b>IEM</b>	<b>EE</b>	<b>GHG</b>	<b>R&amp;I</b>	<b>Comments / Update</b>
<b>Infrastructure</b>								
Effective implementation of the 10% electricity interconnection target	Commission Member States National Regulatory Authorities Transmission System Operators	2015-20	X	X		X		Communication adopted on 25 February 2015 [COM(2015)82]

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
2 <sup>nd</sup> list of Projects of Common Interest (PCI) – leading to Commission Delegated Act	Commission Member States	2015	X	X		X		<p>Delegated act adopted on 18 November 2015 [C(2015)8052]</p> <p>The Commission Delegated Regulation (EU) 2016/89 of 18 November 2015 amending Regulation (EU) No 347/2013 of the European Parliament and of the Council as regards the Union list of projects of common interest, was published in the OJ L 19, 27 January 2016, p. 1)</p> <p>An evaluation of the implementation of the Projects of Common Interest and of the Regulation on guidelines for trans-European energy infrastructure took place in 2017.</p> <p>The 3rd list of PCIs has been adopted on 23 November 2017 [C(2017)7834] and published together with the 3rd Report on the State of the Energy Union Commission Delegated Regulation (EU) 2018/540 of 23 November 2017 amending Regulation (EU) No 347/2013 of the European Parliament and of the Council as regards the Union list of projects of common interest (OJ L 90, 6.4.2018, p. 38–58)</p>

<b>Actions</b>	<b>Responsible party</b>	<b>Timetable (shown in the annex to COM(2015)80)</b>	<b>SoS</b>	<b>IEM</b>	<b>EE</b>	<b>GHG</b>	<b>R&amp;I</b>	<b>Comments / Update</b>
Communication on the progress towards the completion of the list of the most vital energy infrastructures and on the necessary measures to reach the 15% electricity interconnection target for 2030	Commission	2016	X	X				<p>In November 2017 the Commission expert group on electricity interconnection targets published a report on achieving the 10 % and 15 % targets.</p> <p>On 23 November 2017 the Commission published the Communication on strengthening Europe's energy networks [COM(2017)718] together with the 3rd Report on the State of the Energy Union, and the revised list of PCIs in energy infrastructure that can help to achieve these goals.</p>
Establish an Energy Infrastructure Forum	Commission Member States	2015	X	X				<p>Set up in 2015, the Energy Infrastructure Forum is organised annually by the European Commission. The fourth edition of the forum has taken place on 24-25 May 2018 in Copenhagen (<a href="#">Conclusions</a>).</p> <p>Previous meetings: 9-10 Nov. 2015; 23-24 June 2016; 1-2 June 2017.</p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
<b>Electricity</b>								
Initiative on market design and regional electricity markets, and coordination of capacities to ensure security of supply, boosting cross-border trade and facilitating integration of renewable energy	Commission	2015-2016	X	X	X	X		<p>Consultative Communication adopted on 15 July 2015 [COM(2015)340].</p> <p>Legislative proposals adopted on 30 November 2016:</p> <ul style="list-style-type: none"> <li>- the Regulation on the internal market for electricity [COM(2016) 861] and</li> <li>- the Electricity Market Directive [COM(2016)864].</li> </ul> <p>Interinstitutional procedure: the European parliament is expected to vote by the end of March 2019, followed by formal adoption by the Council and publication in the Official Journal.</p> <p>Final Report on the Sector Inquiry on Capacity Mechanisms adopted on 30 November 2016 [COM(2016) 752]</p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Review of the Directive concerning measures to safeguard security of electricity supply	Commission	2016	X	X		X		<i>The legislative proposal for a Regulation on risk-preparedness in the electricity sector, repealing Directive 2005/89/EC, was adopted on 30 November 2016 [COM(2016) 862]. Interinstitutional procedure: the European parliament is expected to vote by the end of March 2019, followed by formal adoption by the Council and publication in the Official Journal.</i>
<b>Retail</b>								
New Deal for energy consumers: Empowering consumers, deploying Demand Side Response; using smart technology; linking wholesale and retail markets; phase-out of regulated prices; flanking measures to protect vulnerable customers	Commission Member States	2015-2016		X	X	X	X	<i>The Communication on “Delivering a New Deal for Energy Consumers” was adopted on 15 July 2015 [COM(2015)339]. Legislative proposals on consumer issues were included in the proposals on the new electricity market design (see above)</i>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
<b>Gas</b>								
Revision of the Regulation on security of gas supply	Commission	2015-2016	X	X				Legislative proposal adopted on 16 February 2016 [COM(2016)52] The adopted Regulation 2017/1938 of 25 October 2017 concerning measures to safeguard the security of gas supply, repealing Regulation (EU) No 994/2010, was published in the OJ L 198, 28.10.2017, p. 1–56.
Liquefied Natural Gas and Storage strategy	Commission	2015-2016	X					The Communication on an EU strategy for liquefied natural gas and gas storage was adopted on 16 February 2016 [COM(2016)49]



Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
<b>Regulatory framework</b>								
Review of the Agency for the Cooperation of Energy Regulators (ACER) and the energy regulatory framework	Commission	2015-16	X	X		X		<p>Covered by the Consultative Communication adopted on 15 July 2015 [COM(2015)340] (see above).</p> <p>The proposal for a Regulation establishing a European Union Agency for the Cooperation of Energy Regulators was adopted on 30 November 2016 [COM(2016) 863].</p> <p>Interinstitutional procedure: the European parliament is expected to vote by the end of March 2019, followed by formal adoption by the Council and publication in the Official Journal.</p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Legislative proposal for Regulation on the Energy Union and Climate Action within the Clean Energy for All Europeans initiative	Commission		X	X	X	X	X	<p>Proposal of 30 November 2016 for a Regulation on the Governance of the Energy Union, amending regulations 663/2009 and (EC) No 715/2009, Directives 94/22/EC, 98/70/EC, 2009/31/EC, 2009/73/EC, 2010/31/EU, 2012/27/EU, 2013/30/EU, 2009/119/EC and (EU) 2015/652 and repealing regulation 525/2013 [COM(2016)759] - Formally adopted as Regulation (EU) 2018/1999 on the Energy Union and Climate Action by the Parliament on 13 November 2018 and by the Council on 4 December 2018. The final act was signed on 11 December 2018 and the Regulation was published in the OJ L 328, 21.12.2018, p. 1-77 (Entered into force on 24 December 2018).</p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
<b>Renewables</b>								
Renewable Energy Package: including a new Renewable Energy Directive for 2030; best practices in renewable energy self-consumption and support schemes; bioenergy sustainability policy.	Commission	2015-2017	X	X		X		<p>Best practice guidelines for renewable energy self-consumption were adopted on 15 July 2015 [SWD(2015)141], accompanying the Communication on "Delivering a New Deal for Energy Consumers" (see above).</p> <p>The proposal for a Directive on the promotion of the use of energy from renewable sources was adopted on 30 November 2016 [COM(2016)767]</p> <p>Interinstitutional procedure: finalised, the adopted Directive was published in the OJ L 328, 21.12.2018, p. 82–209; Directive (EU) 2018/2001 of 11 December 2018 on the promotion of the use of energy from renewable sources.</p>
Communication on Waste to Energy	Commission	2016	X			X		The Communication on the role of waste-to-energy in the circular economy was adopted on 26 January 2017 [COM(2017)34]
<b>Climate Action</b>								

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Legislative proposal to revise the EU Emissions Trading System, 2021-2030	Commission	2015	X	X		X		<p>Proposal adopted on 15 July 2015 (COM(2015)337)</p> <p>Interinstitutional procedure: finalised, Directive 2018/410 adopted on 14 March 2018 and published in OJ L 076 19.03.2018, p. 0003. Entry into force on 8 April 2018.</p> <p>Legislative proposal on the scope of the EU emissions trading system for aviation adopted on 3 February (COM(2017) 54)</p> <p>Interinstitutional procedure: finalised, Regulation 2017/2392 adopted on 13 December 2017 and published in OJ L 350 29.12.2017, p. 0007. Entry into force on 29 December 2017.</p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Legislative proposals on the Effort-Sharing Regulation and the inclusion of Land Use, Land Use Change and Forestry (LULUCF) Regulation into the 2030 Climate and Energy Framework	Commission	2016				X		<p>Two legislative proposals were adopted on 20 July 2016:</p> <p>(1) Proposal for a Regulation on binding annual greenhouse gas emission reductions by Member States from 2021 to 2030 for a resilient Energy Union and to meet commitments under the Paris Agreement (non-ETS) [COM(2016)482] - Formally adopted by the Parliament on 17 April 2018 and by the Council on 14 May 2018. The final act was signed on 30 May 2018, and the Regulation (EU) 2018/842 published in the OJ L 156, 19.6.2018, p. 26-42 (Entered into force on 9 July 2018).</p> <p>(2) Proposal for a Regulation on the inclusion of greenhouse gas emissions and removals from land use, land use change and forestry into the 2030 climate and energy framework (LULUCF) [COM(2016) 479] - Formally adopted by the Parliament on 17 April 2018 and by the Council on 14 May 2018. - The final act was signed on 30 May 2018, and the Regulation (EU) 2018/841 published in the OJ L 156, 19.6.2018, p. 1-25 (Entered into force on 9 July 2018).</p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
<b>Transport actions</b>								
Fair and efficient pricing for sustainable transport – revision of the Eurovignette Directive and framework to promote European electronic tolling	Commission	2016			X	X		Adopted on 31 May 2017 (COM/2017/275 and COM/2017/280)
Review of market access rules for road transport to improve its energy efficiency	Commission	2016			X	X		Adopted on 31 May 2017 (COM/2017/281)
Master Plan for the deployment of Cooperative Intelligent Transport Systems	Commission Member States Industry	2016			X	X	X	Communication adopted on 30 November 2016 (COM(2016)766)  Following on the Master Plan, rules on the deployment and operational use of Cooperative Intelligent Transport Systems were adopted in 2019 – Commission Delegated Act C(2019)1789 final supplementing Directive 2010/40/EU of the European Parliament and of the Council with regard to the deployment and operational use of cooperative intelligent transport systems (adopted on 13

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Review of Regulations setting emission performance standards to establish post-2020 targets for light duty vehicles	Commission	2016 - 2017			X	X	X	<p>March 2019)</p> <p>Proposal for a Regulation setting emission performance standards for new passenger cars and for new light commercial vehicles as part of the Union's integrated approach to reduce CO2 emissions from light-duty vehicles [COM/2017/0676 final] of 8.11.2017</p> <p>Interinstitutional procedure: Political agreement found in December 2018. To be published first half of 2019.</p>
Legislative proposal for a Regulations setting emission performance standards to establish post-2020 targets for heavy duty vehicles	Commission	NA			X	X	X	<p>Proposal for a Regulation setting CO2 emission performance standards for new heavy-duty vehicles [COM(2018) 284 final] of 17.05.2018 as corrected by [COM(2018) 284 final/2] of 3.7.2018</p> <p>Interinstitutional procedure: Political agreement found in February 2019. To be published first half of 2019.</p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Establishing a monitoring and reporting system for heavy duty vehicles (trucks and buses) with a view to improving purchaser information	Commission	2016-2017			X	X	X	<i>Adopted on 31 May 2017 (COM(2017)279). Formally adopted by the Parliament on 12 June 2018 and by the Council on 21 June 2018. The final act was signed on 28 June 2018, and the Regulation (EU) 2018/956 published in the OJ L 173, 9.7.2018, p. 1–15 (Entered into force on 29 July 2018).</i>
Review of Directive on the Promotion of Clean and Energy Efficient Road Transport Vehicles	Commission	2017			X	X		<i>Proposal for a Directive of the European Parliament and of the Council amending Directive 2009/33/EU on the promotion of clean and energy-efficient road transport vehicles. (COM(2017) 653 of 8.11.2017)</i>  <i>Interinstitutional procedure: Political agreement found in February 2019. To be published first half of 2019.</i>
Communication on decarbonising the transport sector, including an action plan on second and third generation biofuels and other alternative, sustainable fuels	Commission	2017			X	X	X	<i>Communication on the European Strategy for low-emission mobility adopted on 20 July 2016 (COM(2016)501)</i>  <i>Fuel element partly covered by the legislative proposal adopted on 30 November 2016</i>



Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
								(COM(2016) 767 (Renewables Directive))

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Energy efficiency								

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Review of the Energy Efficiency Directive	Commission	2016	X		X	X	X	<p>The Proposal for a Directive amending Directive 2012/27/EU on energy efficiency was adopted on 30 November 2016 [COM(2016) 761], accompanied by a Staff Working Document on good practices in energy efficiency [SWD(2016)404].</p> <p>Interinstitutional procedure: formally adopted by Parliament on 13 November 2018 and by the Council on 4 December 2018. - Signed into law on 10 December 2018. - Published in the OJ L 328, 21.12.2018, p. 210 - 230 (Entered into force three days later).</p> <p>On 13 November 2018, the Commission adopted an amending Decision COM(2018)744 to lower the maximum levels of EU energy consumption permitted under the EED by 2030, from 1273 to 1128 Mtoe (primary consumption) and from 956 to 846 Mtoe (final consumption), in order to account for the expected departure of the United Kingdom from the EU in 2019.</p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Review of the Directive on Energy Performance of Buildings including Smart Finance for Smart Buildings initiative	Commission	2016	X		X	X	X	<p>The proposal for a revision of the Energy Performance of Buildings Directive 2010/31/EU was adopted on 30 November 2016 [COM(2016) 765], as part of part of the Clean Energy package.</p> <p>A “Smart Finance for Smart Buildings” initiative was presented alongside the revised EPBD, analysing how to stimulate public and private investment in the energy efficiency of buildings (Annex I of the COM(2016)860 “Chapeau-Communication” of the Package).</p> <p>Inter-institutional procedure: finalised - The revised Energy Performance of Buildings Directive (EU) 2018/844 was published in the OJ L 156, 19.6.2018, p. 75–91 (Entered into force as of 9 July 2018).</p> <p>Before 2026, the Commission should review in depth the functioning of the whole directive.</p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Review of the energy efficiency framework for products (Energy Labelling Directive and Ecodesign Directives)	Commission	2015	X		X	X	X	<p>The proposal for a Regulation setting a framework for energy efficiency labelling and repealing Directive 2010/30/EU was adopted on 15 July 2015 [COM(2015)341].</p> <p>Interinstitutional procedure: finalised - The Regulation (EU) 2017/1369 of 4 July 2017 was published in the OJ L 198, 28.7.2017, p. 1 - 23 (Entered into force on 1 August 2017).</p> <p>Ecodesign work plan adopted on 30 November 2016 [COM(2016)773]; 8 measures adopted at the same time.</p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Strengthening the targeted use of financial instruments to support investments in energy efficiency	Commission	2015-			X	X		<p>Communication "Europe investing again – Taking stock of the Investment Plan for Europe and next steps" adopted on 1 June 2016 (COM(2016) 359).</p> <p>Communication "Strengthening European Investments for Jobs and growth: Towards a second phase of the European Fund for Strategic Investments and a new European External Investment Plan" adopted on 14 September 2016 (COM(2016) 581)</p> <p>Legislative proposal on the extension of the European Fund for Strategic Investment (EFSI) Regulation (COM(2016) 597)</p> <p>Legislative proposal on the revision of the Financial Regulation and a number of sectoral regulations for further simplification and flexibility, including for more effective use of financial instruments (COM(2016) 605)</p> <p>See also the enabling actions, including the buildings initiative, included in the 'Clean Energy for all Europeans' package of 30 November 2016 (COM(2016) 860, Annex I)</p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
<b>Heating and Cooling</b>								
EU strategy for Heating and Cooling – the contribution from heating and cooling in realising the EU's energy and climate objectives	Commission	2015	X	X	X	X	X	<p>Communication adopted on 16 February 2016 (COM(2016)51)</p> <p>As part of the Clean Energy package, the revised Renewable Energy Directive, the Energy Efficiency Directive, and the Regulation on the Governance of the Energy Union and Climate Action set new targets and specify a reporting framework for the key indicators of the Energy Union by 2030.</p> <p>They also specify detailed elements that need to be included in the comprehensive assessments of the potential for efficient heating and cooling before the second cycle.</p> <p>This has required an update of the methodology laid down in Annexes VIII and IX of the EED [Directive 2012/27/EU], done with the Commission Delegated Regulation C(2019)1616, adopted on 4 March 2019.</p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
External Energy and Climate Policy								



Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
EU Energy and Climate policy diplomacy	Commission HR/VP Member States	2015	X	X		X	X	<p><i>Council conclusions on climate diplomacy adopted by the Foreign Affairs Council on 20 July 2015 (11029/15)</i></p> <p><i>Council conclusions on energy diplomacy adopted by the Foreign Affairs Council on 20 July 2015 (10995/15)</i></p> <p><i>Council conclusions on European climate diplomacy after COP21 adopted by the Foreign Affairs Council on 15 February 2016 (6061/16)</i></p> <p><i>Council conclusions on Energy and Development adopted by the Foreign Affairs Council (Development) on 28 November 2016 (14839/16)</i></p> <p><i>Council Conclusions on strengthening the synergies between EU energy and climate diplomacies adopted by the Foreign Affairs Council on 6 March 2017 (6981/17)</i></p> <p><i>Council conclusions on climate diplomacy adopted by the Foreign Affairs Council on 18 February 2019 (6153/19)</i></p>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Review of the Decision on information exchange mechanism with regard to intergovernmental agreements between Member States and third countries in the field of energy	Commission HR/VP	2016	X	X				<i>Proposal for a Decision of the EP and of the Council adopted on 16 February 2016 [COM(2016)53]. Decision (EU) 2017/684 adopted and published in the OJ L 99, 12.4.2017, p. 1–9. On 9 January 2019, the Commission Decision C(2019)125 has approved the optional model clauses and guidance developed pursuant to Art. 9(2) of the Decision (EU) 2017/684.</i>
New and strengthened energy dialogues with countries of importance for EU energy policy	Commission HR/VP	2015 -	X	X	X	X	X	On-going
Memorandum of Understanding on an upgraded strategic partnership with Ukraine	Commission HR/VP European Parliament Council	2015	X	X				<i>Signed during the EU-Ukraine Summit on 24 November 2016</i>
Trilateral Memorandum of Understanding on the Trans-Caspian pipelines with Azerbaijan	Commission HR/VP	2015	X	X				<i>Ashgabat Declaration by Turkmenistan, Turkey, Azerbaijan and Georgia signed on 1 May 2015; no further</i>

<b>Actions</b>	<b>Responsible party</b>	<b>Timetable (shown in the annex to COM(2015)80)</b>	<b>SoS</b>	<b>IEM</b>	<b>EE</b>	<b>GHG</b>	<b>R&amp;I</b>	<b>Comments / Update</b>
and Turkmenistan	European Parliament Council							<i>negotiations take place on a trilateral MoU</i>
Initiative to strengthen the Energy Community	Commission Energy Community Contracting Parties HR/VP	2015	X	X				<i>Key decisions taken at the Ministerial Council of the Energy Community in October 2015 and September 2016 Extraordinary Ministerial Council on Treaty Amendments (1st half 2018), including Reciprocity issue.</i>
Strengthen Euromed cooperation on gas, electricity, energy efficiency and renewables	Commission HR/VP	2015-2016	X	X				<i>Gas platform launched in June 2015 Regional electricity market platform launched in October 2015 Renewables and energy efficiency platform launched in 2016</i>
Adoption and signature of a new International Energy Charter on behalf of the EU and EURATOM	Commission HR/VP	2015	X	X				<i>The International Energy Charter was co-signed by the European Commission at the Conference on 20-21 May 2015 in The Hague.</i>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
<b>Industrial competitiveness</b>								
A new European energy R&I approach to accelerate energy system transformation, composed of - an integrated Strategic Energy Technology (SET) Plan - a strategic transport R&I agenda	Commission	2015-2017					X	<i>Communication on the Strategic Energy Technology (SET) Plan adopted on 15 September 2015 (C(2015)6317).</i> <i>Smart Specialisation Platform on Energy launched in 2015</i> <i>Communication "Accelerating Clean Energy Innovation" adopted on 30 November 2016 (COM(2016) 763).</i> <i>Staff Working Document (SWD (2017)223) "Towards clean, competitive and connected mobility: the contribution of Transport Research and Innovation to the Mobility package" adopted on 31 May 2017 as part of the EU Mobility Package "Europe on the Move" (COM(2017) 283).</i>
Analysis of energy prices and costs (including taxes and subsidies)	Commission	2016 and every 2 years thereafter		X				<i>First Report adopted on 30 November 2016 [COM(2016)769].</i> <i>Second Report adopted on 9 January 2019 [COM(2019)1].</i>

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Initiative on EU global technology and innovation leadership on energy and climate to boost growth and jobs	Commission	2015-2016			X	X	X	Linked to the acceleration of clean energy innovation: see above the Communication COM(2016)763; see also the "Chapeau Communication" COM(2016)860 of the "Clean Energy For All Europeans" package, adopted on 30 Nov 2016, Annex 2: Action to boost the clean energy transition of the third State of the Energy Union Report COM(2017) 688 du 23/11/2017
Enhanced trade policy to facilitate export of EU technologies	Commission	2015-2019	X	X			X	On-going
<b>Cross cutting measures</b>								
Review of the Guidelines on State aid for environmental protection and energy	Commission	2017-2019	X	X	X	X	X	
Report on the European Energy Security Strategy, including a platform and roadmap for Euromed and strategies for LNG, energy storage, and the Southern gas corridor	Commission	2015-2016	X	X	X	X	X	Report (SWD) adopted on 18 November 2015 [SWD(2015)404]. Communication on LNG and storage adopted on 16 February 2016 [COM(2016)49]. A Staff Working Document on

Actions	Responsible party	Timetable (shown in the annex to COM(2015)80)	SoS	IEM	EE	GHG	R&I	Comments / Update
Data, analysis and intelligence for the Energy Union: initiative pooling and making easily accessible all relevant knowledge in the Commission and Member States.	Commission	2016	X	X	X	X	X	<i>Energy Storage in the Electricity System has been adopted on 01 February 2017 [SWD(2017)61]</i>  <i>On-going Regulation (EU) 2016/1952 on European statistics on natural gas and electricity prices adopted</i>
<b>Nuclear</b>								
Council Regulation updating the information requirements of Article 41 of the Euratom Treaty in the light of the European Energy Security Strategy	Commission	2015	X	X				<i>Initiative postponed</i>
Communication on a nuclear illustrative programme (PINC) pursuing Article 40 of the Euratom Treaty	Commission	2015	X			X		<i>Communication adopted on 4 April 2016 for consultation of the European Economic and Social Committee (EESC) (COM(2016)177)</i>  <i>Final version, taking into account the opinion of the European Economic and Social Committee (EESC), adopted on 12 May 2017 (COM(2017) 237)</i>

