**Roadmap for the Energy Union**

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

| **Actions** | **Responsible party** | **Timetable**  | **SoS** | **IEM** | **EE** | **GHG** | **R&I** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Infrastructure** |  |  |  |  |  |  |  |
| Effective implementation of the 10% electricity interconnection target | CommissionMember StatesNational Regulatory AuthoritiesTransmission System Operators | 2015-20 | X | X |  | X |  |
| 2nd list of Projects of Common Interest (PCI) – leading to Commission Delegated Act  | CommissionMember States | 2015 | X | X |  | X |  |
| 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 |  |  |  |
| Establish an Energy Infrastructure Forum | CommissionMember States | 2015 | X | X |  |  |  |
| **Electricity** |  |  |  |  |  |  |  |
| 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 |  |
| Review of the Directive concerning measures to safeguard security of electricity supply | Commission | 2016 | X | X |  | X |  |
| **Retail** |  |  |  |  |  |  |  |
| 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 | CommissionMember States | 2015-2016 |  | X | X | X | X |
| **Gas** |  |  |  |  |  |  |  |
| Revision of the Regulation on security of gas supply | Commission | 2015-2016 | X | X |  |  |  |
| Liquified Natural Gas and storage strategy | Commission | 2015-2016 | X |  |  |  |  |
| **Regulatory framework** |  |  |  |  |  |  |  |
| Review of the Agency for the Cooperation of Energy Regulators (ACER) and the energy regulatory framework | Commission | 2015-16 | X | X |  | X |  |
| **Renewables** |  |  |  |  |  |  |  |
| 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 |  |
| Communication on Waste to Energy | Commission | 2016 | X |  |  | X |  |
| **Climate Action** |  |  |  |  |  |  |  |
| Legislative proposal to revise the EU Emissions Trading System, 2021-2030 | Commission | 2015 | X | X |  | X |  |
| Legislative proposals on the Effort-Sharing Decision and the inclusion of Land Use, Land Use Change and Forestry (LULUCF) into the 2030 Climate and Energy Framework  | Commission | 2016 |  |  |  | X |  |
| **Transport actions** |  |  |  |  |  |  |  |
| Fair and efficient pricing for sustainable transport – revision of the Eurovignette Directive and framework to promote European electronic tolling | Commission | 2016 |  |  | X | X |  |
| Review of market access rules for road transport to improve its energy efficiency | Commission | 2016 |  |  | X | X |  |
| Master Plan for the deployment of Cooperative Intelligent Transport Systems | CommissionMember StatesIndustry | 2016 |  |  | X | X | X |
| Review of Regulations setting emission performance standards to establish post-2020 targets for cars and vans | Commission | 2016 - 2017 |  |  | X | X | X |
| 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 |
| Review of Directive on the Promotion of Clean and Energy Efficient Road Transport Vehicles | Commission | 2017 |  |  | X | X |  |
| 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 |
| **Energy efficiency** |  |  |  |  |  |  |  |
| Review of the Energy Efficiency Directive | Commission | 2016 | X |  | X | X | X |
| Review of the Directive on Energy Performance of Buildings including Smart Finance for Smart Buildings initiative | Commission | 2016 | X |  | X | X | X |
| Review of the energy efficiency framework for products (Energy Labelling Directive and Ecodesign Directives) | Commission | 2015 | X |  | X | X | X |
| Strengthening the targeted use of financial instruments to support investments in energy efficiency | Commission | 2015- |  |  | X | X |  |
| **Heating and Cooling** |  |  |  |  |  |  |  |
| 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 |
| **External Energy and Climate Policy** |  |  |  |  |  |  |  |
| EU Energy and Climate policy diplomacy | Commission HR/VPMember States | 2015 | X | X |  | X | X |
| Review of the Decision on information exchange mechanism with regard to intergovernmental agreements between Member States and third countries in the field of energy | CommissionHR/VP | 2016 | X | X |  |  |  |
| New and strengthened energy dialogues with countries of importance for EU energy policy | CommissionHR/VP | 2015 - | X | X | X | X | X |
| Memorandum of Understanding on an upgraded strategic partnership with Ukraine | CommissionHR/VPEuropean ParliamentCouncil | 2015 | X | X |  |  |  |
| Trilateral Memorandum of Understanding on the Trans-Caspian pipelines with Azerbaijan and Turkmenistan | CommissionHR/VPEuropean ParliamentCouncil | 2015 | X | X |  |  |  |
| Initiative to strengthen the Energy Community | CommissionEnergy Community Contracting PartiesHR/VP | 2015 | X | X |  |  |  |
| Strengthen Euromed cooperation on gas, electricity, energy efficiency and renewables | CommissionHR/VP | 2015-2016 | X | X |  |  |  |
| Adoption and signature of a new International Energy Charter on behalf of the EU and EURATOM | CommissionHR/VP | 2015 | X | X |  |  |  |
| **Industrial competitiveness** |  |  |  |  |  |  |  |
| 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 |
| Analysis of energy prices and costs (including taxes and subsidies) | Commission | 2016 and every 2 years thereafter |  | X |  |  |  |
| Initiative on EU global technology and innovation leadership on energy and climate to boost growth and jobs | Commission | 2015-2016 |  |  | X | X | X |
| Enhanced trade policy to facilitate export of EU technologies | Commission | 2015-2019 | X | X |  |  | X |
| **Cross cutting measures** |  |  |  |  |  |  |  |
| 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 |
| 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 |
| **Nuclear** |  |  |  |  |  |  |  |
| 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 |  |  |  |
| Communication on a nuclear illustrative programme (PINC) pursuing Article 40 of the Euratom Treaty | Commission | 2015 | X |  |  | X |  |