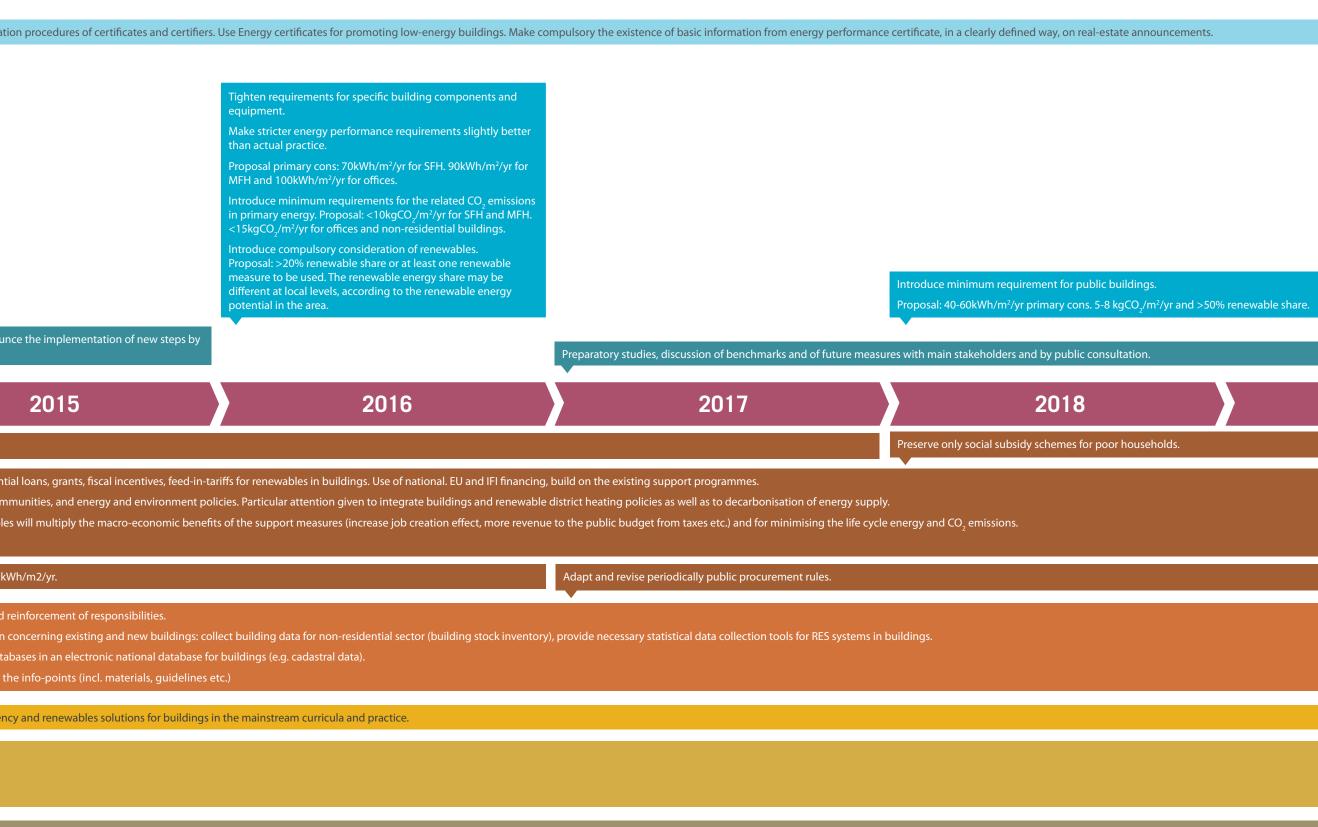
No enforcement and compliance based on energy performance indicators at building level.	Introduce stricter enforcement criteria on energy performance of buildings and components, penalties and fines. Increase the compliance check at the design and construction phase of the building. To justify public expenditure and to assess impacts and cost-effectiveness of policies a monitoring and evaluation mechanism must be integrated into new policies from the beginning.		Adapt and revise periodi
•	Introduce and diversify energy classification for each relevant building category. Adjust the energy classes for reflecting the future buildings' performance.		•
EPCs have the form of sliding scale referring to primary energy demand.	Clarify other indicators at the EPCs, like energy needs and delivered energy demand, important from consumers point of view.	National database for energy performance certificates (EPC), im	prove the control and evaluation
Actual practice: <b>SFH</b> Primary cons: 123 kWh/m <sup>2</sup> /yr CO <sub>2</sub> emissions: 22.5 kgCO <sub>2</sub> /m <sup>2</sup> /yr RES share: 0%		•	
MFH Primary cons: 133.3 kWh/m <sup>2</sup> /yr CO <sub>2</sub> emissions: 68.6 kgCO <sub>2</sub> /m <sup>2</sup> /yr RES share: 21% OFFICE			
Primary cons: 187.3 kWh/m <sup>2</sup> /yr CO <sub>2</sub> emissions: 59.9 kgCO <sub>2</sub> /m <sup>2</sup> /yr RES share: 27%			
Energy performance requirements were optional (with prescriptive element requirements) until this year when they became compulsory.	Introduce compulsory consideration of renewables and compulsory evaluation of CO <sub>2</sub> emissions (without a threshold) together with energy performance.		
Start planning the process for introducing future measures.	Preparatory studies, discussion of benchmarks and of future me Elaboration of a long term (2050) buildings strategy and goals.	easures with main stakeholders and by public consultation.	Evaluate results; announ 2020 and beyond.
			•
STATUS 2012	2013	2014	
National environmental funds for renewables in building and planned support scheme for energy efficient investment in	Gradually move actual subsidies on fossil energies and on energies	gy prices to support energy efficiency measures and renewable energi	-
National environmental funds for renewables in building and	Gradually move actual subsidies on fossil energies and on energies and on energies and on energies and and introduce appropriate and predictable loo Integrate buildings policies with other related policies and strategies and strate	gy prices to support energy efficiency measures and renewable energing ng-term support measures, tailored-made for categories of consumers regies for maximising effectiveness and coherence, i.e. with district hea g the local supply chain industry. A strong local industry for energy effi	and building types: preferentiating policies, sustainable comm
National environmental funds for renewables in building and planned support scheme for energy efficient investment in the residential sector. Thermo-renovation Fund for existing buildings. Operational Programme using EU structural Funds for public	Gradually move actual subsidies on fossil energies and on energies and on energies and and introduce appropriate and predictable loo Integrate buildings policies with other related policies and strate Support local industry and technology: schemes for developing Remove market barriers for energy efficiency and renewable energies and renewable	gy prices to support energy efficiency measures and renewable energing ng-term support measures, tailored-made for categories of consumers regies for maximising effectiveness and coherence, i.e. with district hea g the local supply chain industry. A strong local industry for energy effi	and building types: preferentiating policies, sustainable comm cient materials and renewables
National environmental funds for renewables in building and planned support scheme for energy efficient investment in the residential sector. Thermo-renovation Fund for existing buildings. Operational Programme using EU structural Funds for public	Gradually move actual subsidies on fossil energies and on energies and on energies and and introduce appropriate and predictable loo Integrate buildings policies with other related policies and strate Support local industry and technology: schemes for developing Remove market barriers for energy efficiency and renewable ergonal public procurement: all new building purchased/built by the public procurement of implementation, for cooperation with other related policies. Ensure the effective running of the EPC related policies.	gy prices to support energy efficiency measures and renewable energing ing-term support measures, tailored-made for categories of consumers regies for maximising effectiveness and coherence, i.e. with district heat g the local supply chain industry. A strong local industry for energy effi- nergy in buildings. ublic sector should be very low energy buildings. Proposal: at least below stry departments) for elaborating strategies and policies, for th other delegated bodies responsible with the implementation of hational database. other relevant bodies (i.e. using Energy Cities Network) where citizens	and building types: preferentiating policies, sustainable comm cient materials and renewables
National environmental funds for renewables in building and planned support scheme for energy efficient investment in the residential sector. Thermo-renovation Fund for existing buildings. Operational Programme using EU structural Funds for public buildings.	Gradually move actual subsidies on fossil energies and on energies and on energies and and introduce appropriate and predictable loon integrate buildings policies with other related policies and strates Support local industry and technology: schemes for developing Remove market barriers for energy efficiency and renewable ergonal renewable ergonal to procurement: all new building purchased/built by the public procurement: all new building public procurement public procurement of the public procurement of the public	gy prices to support energy efficiency measures and renewable energing ing-term support measures, tailored-made for categories of consumers regies for maximising effectiveness and coherence, i.e. with district heat g the local supply chain industry. A strong local industry for energy effi- nergy in buildings. ublic sector should be very low energy buildings. Proposal: at least below stry departments) for elaborating strategies and policies, for th other delegated bodies responsible with the implementation of hational database. other relevant bodies (i.e. using Energy Cities Network) where citizens	and building types: preferenti ating policies, sustainable comr cient materials and renewables bw 50kWh/m2/yr towards 15kV Periodic evaluation and r Improve data collection of Integrate all related datal Permanent support to th
National environmental funds for renewables in building and planned support scheme for energy efficient investment in the residential sector. Thermo-renovation Fund for existing buildings. Operational Programme using EU structural Funds for public buildings.	Gradually move actual subsidies on fossil energies and on energies Improve, expand and introduce appropriate and predictable lo Integrate buildings policies with other related policies and strat Support local industry and technology: schemes for developing Remove market barriers for energy efficiency and renewable er Public procurement: all new building purchased/built by the pu Reinforce or nominate clear responsible bodies (agencies. mini monitoring and control of implementation, for cooperation with other related policies. Ensure the effective running of the EPC r Create information points (one-stop-shops) at city halls and at and companies may find appropriate information and advice co Elaborate basic and long-life educational and training program Continuous and visible information campaign for a better pror	gy prices to support energy efficiency measures and renewable energing ing-term support measures, tailored-made for categories of consumers regies for maximising effectiveness and coherence, i.e. with district heat of the local supply chain industry. A strong local industry for energy effi- nergy in buildings. Abblic sector should be very low energy buildings. Proposal: at least below stry departments) for elaborating strategies and policies, for th other delegated bodies responsible with the implementation of hational database. To the relevant bodies (i.e. using Energy Cities Network) where citizens poncerning existing support schemes, procedures and benefits. s for workforce in construction, for architects and other related jobs, we notion of energy efficient buildings. nes for supporting people constructing on their own (especially in rura niques and technologies.	and building types: preferentiating policies, sustainable comm cient materials and renewables bw 50kWh/m2/yr towards 15kV Periodic evaluation and re Improve data collection of Integrate all related data Permanent support to the ith embedded energy efficience
National environmental funds for renewables in building and planned support scheme for energy efficient investment in the residential sector. Thermo-renovation Fund for existing buildings.   Operational Programme using EU structural Funds for public buildings.   Evaluate responsibilities for building policies.   IEE project BUILD UP Skills Poland   Punctual info on specific measures, notably on existing support	Gradually move actual subsidies on fossil energies and on energies and on energies and predictable loce of the second strate of the sec	gy prices to support energy efficiency measures and renewable energing ing-term support measures, tailored-made for categories of consumers regies for maximising effectiveness and coherence, i.e. with district heat of the local supply chain industry. A strong local industry for energy effi- nergy in buildings. Abblic sector should be very low energy buildings. Proposal: at least below stry departments) for elaborating strategies and policies, for th other delegated bodies responsible with the implementation of hational database. To the relevant bodies (i.e. using Energy Cities Network) where citizens poncerning existing support schemes, procedures and benefits. s for workforce in construction, for architects and other related jobs, we notion of energy efficient buildings. nes for supporting people constructing on their own (especially in rura niques and technologies.	and building types: preferenti ating policies, sustainable comm cient materials and renewables bw 50kWh/m2/yr towards 15kV Periodic evaluation and r Improve data collection of Integrate all related data Permanent support to the ith embedded energy efficience



rstems, design and evaluation software tools for low-energy buildings.

prce skills Information and awareness Demo projects Research

**BUILDING CODES:** 

Note: It has to be ensured that the building concept can be improved in the future to move towards net zero energy buildings and specific CO<sub>2</sub> emissions below 3 kg/m<sup>2</sup>yr (target: 0 kg/m<sup>2</sup>yr), which is the maximum EU average value derived from the long term decarbonisation goals by 2050.

nten requirements for specific building components and quipment. oposal primary cons: 0-50kWh/m<sup>2</sup>/yr for MFH and SFH. 50-60kWh/m<sup>2</sup>/yr for offices nd non-residential buildings. Tighten minimum requirements for the related CO<sub>2</sub> emissions primary energy. Proposal :<3-6 kgCO<sub>2</sub>/m<sup>2</sup>/yr for SFH and MFH. <8-10 kgCO<sub>2</sub>/m<sup>2</sup>/yr for offices and nor-residential buildings ghten the renewables requirements. oposal: >40% renewable share or at least one renewable valuate results; announce the implementation of new steps by 025 and beyond. Consider introducing life-cycle requirem r energy and  $CO_2$ . 2019 2020-2021