## Measures reacting to energy crisis in railway sector

As the rising prices of energy are challenging the outcome of the revision of the TEN-T, the Member States and the European Commission have discussed measures leading to saving electricity in the field of railway transport. Despite the rising energy prices there is a general consensus to continue further the electrification of European railway network and continue in further development of sustainable and resilient railway network, including big cross-border projects of High-Speed Lines.

The list of possible measures includes:

* modern locomotives with recuperation
* mandatory measurement systems of energy consumption
* ensuring more smooth running of trains – capacity management, passing through restrictions, regenerative braking systems
* energy reduction programmes
* replacement of lighting (to use LEDs) at railway stations, in lighting for station tracks or shunting areas
* effective management of electric heating of switches
* use of local sources of energy saving
* clean energy projects investments
* new permanent sources as a helper to face an energy crisis (covering use of nuclear power sources)
* unification of power supply systems (to AC)
* compensations and other support for rail operators
* support towards public transport within the PSO