

COORDINATED DSO POSITION 22nd FLORENCE ELECTRICITY FORUM

1.2 Network Codes for Grid Connection & Integration of Renewables

- Network integration of renewables requires a system approach
- Most of the renewable generation will be connected to distribution networks
 - Many solutions for network integration, including RES system responsibilities and demand side flexibility will need to be further developed at distribution level
- Development of the system is fast: requirements for generators should be general enough to ensure validity by the time of implementation
- Standardization is a parallel and efficient path towards harmonization of grid connection rules
 - Results of Smart Grids demonstration projects and M490 are key
 - Different national/regional starting points should be considered
- Network codes should define common binding minimum requirements needed for Internal Electricity Market, SoS and renewables integration
- Initiatives at EU level need to be coordinated!