



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA INFRASTRUKTURO

STRATEGIC FRAMEWORK FOR RES AND GAS

Ljubljana, 3.3.2021



EUROPEAN STARTING POINT

LEGISLATIVE FRAMEWORK PRESCRIBED BY THE EU :

- REGULATION (EU) 2018/1999 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (GOVERNANCE DIRECTIVE)
- DIRECTIVE 2018/2001 ON THE PROMOTION OF THE USE OF ENERGY FROM RENEWABLE SOURCES – RES DIRECTIVE
- DIRECTIVE 2014/94/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 22 OCTOBER 2014 ON THE DEPLOYMENT OF ALTERNATIVE FUELS INFRASTRUCTURE





NATIONAL FRAMEWORK

- **NATIONAL ENERGY AND CLIMATE PLAN**

(AVAILABLE IN ENGLISH ON THE LINK:

[HTTPS://EC.EUROPA.EU/ENERGY/SITES/ENER/FILES/DOCUMENTS/SI_FINAL_NECP_MAIN_EN.PDF](https://ec.europa.eu/energy/sites/ener/files/documents/si_final_necp_main_en.pdf))

- **LEGISLATIVE ACT ON THE PROMOTION OF THE USE OF ENERGY FROM RENEWABLE SOURCES (NOW PARTLY INCLUDED IN THE ENERGY ACT)**

- **LEGISLATIVE FRAMEWORK FOR ALTERNATIVE INFRASTRUCTURE**

- DECREE ESTABLISHING THE INFRASTRUCTURE FOR ALTERNATIVE TRANSPORT FUELS
- STRATEGY IN THE FIELD OF MARKET DEVELOPMENT FOR THE ESTABLISHMENT OF APPROPRIATE INFRASTRUCTURE RELATED TO ALTERNATIVE FUELS IN THE TRANSPORT SECTOR





NATIONAL ENERGY AND CLIMATE PLAN

- A DESCRIPTION OF NATIONAL OBJECTIVES, TARGETS AND CONTRIBUTIONS RELATING TO THE DIMENSIONS OF THE ENERGY UNION (DECARBONISATION, ENERGY EFFICIENCY, ENERGY SECURITY AND INTERNAL ENERGY MARKET AND RESEARCH, INNOVATION AND COMPETITIVENESS.)
- A DESCRIPTION OF THE PLANNED POLICIES AND MEASURES IN RELATION TO THE CORRESPONDING OBJECTIVES, TARGETS AND CONTRIBUTIONS AS WELL AS A GENERAL OVERVIEW OF THE INVESTMENT NEEDED TO MEET THE CORRESPONDING OBJECTIVES, TARGETS AND CONTRIBUTIONS
- A DESCRIPTION OF THE CURRENT SITUATION OF THE FIVE DIMENSIONS OF THE ENERGY UNION, INCLUDING WITH REGARD TO THE ENERGY SYSTEM AND GREENHOUSE GAS EMISSIONS AND REMOVALS AS WELL AS PROJECTIONS WITH REGARD TO THE OBJECTIVES REFERRED TO IN POINT



NATIONAL ENERGY AND CLIMATE PLAN

KEY OBJECTIVES AND CONTRIBUTIONS OF SLOVENIA UP TO 2030 IMPROVING ENERGY AND MATERIAL EFFICIENCY IN ALL SECTORS

DECARBONISATION: CLIMATE CHANGE MITIGATION AND ADAPTATION REDUCE GHG EMISSIONS IN SECTORS NOT COVERED BY THE TRADING SCHEME BY 2030 AS LAID DOWN BY THE EFFORT SHARING REGULATION FOR SLOVENIA, I.E. BY AT LEAST 20% COMPARED TO 2005, ACHIEVING THE FOLLOWING SECTORAL TARGETS:

- TRANSPORT: + 12 %,
- GENERAL CONSUMPTION: – 76 %,
- AGRICULTURE – 1 %,
- WASTE MANAGEMENT: – 65 %,
- INDUSTRY: – 43 %,
- ENERGY: – 34 %.



NATIONAL ENERGY AND CLIMATE PLAN

TO REDUCE THE USE OF FOSSIL ENERGY SOURCES AND DEPENDENCE ON IMPORTING THEM BY:

- PHASING OUT CONSUMPTION OF COAL: BY AT LEAST 30% BY 2030, AND THE DECISION TO PHASE OUT COAL CONSUMPTION IN SLOVENIA IN LINE WITH THE PRINCIPLES OF JUST TRANSITION BY 2021,
- A BAN ON THE SALE AND INSTALLATION OF NEW FUEL-OIL BOILERS BY 2023,
- SUPPORT FOR THE IMPLEMENTATION OF PILOT PROJECTS FOR THE PRODUCTION OF SYNTHETIC METHANE AND HYDROGEN (THE INDICATIVE TARGET IS A 10% SHARE OF RENEWABLE METHANE OR HYDROGEN IN THE TRANSMISSION AND DISTRIBUTION NETWORK BY 2030).



NATIONAL ENERGY AND CLIMATE PLAN

RENEWABLE ENERGY

- REACH AT LEAST A 27% SHARE OF RENEWABLES IN ENERGY END-USE BY 2030, I.E. (INDICATIVE):
- AT LEAST 2/3 OF ENERGY CONSUMPTION IN BUILDINGS TO COME FROM RES BY 2030 (THE SHARE OF RES IN END-USE OF ENERGY PRODUCTS EXCLUDING ELECTRICITY AND DISTRICT HEATING),
- AT LEAST A 30% SHARE OF RES IN INDUSTRY,
- 43% SHARE IN THE ELECTRICITY SECTOR,
- 41% SHARE IN THE HEATING AND COOLING SECTOR,
- 21% SHARE IN TRANSPORT (WITH A SHARE OF BIOFUELS OF AT LEAST 11%).



NATIONAL ENERGY AND CLIMATE PLAN

EFFICIENCY IN ALL SECTORS

- BY 2030 IMPROVE ENERGY EFFICIENCY BY AT LEAST 35% COMPARED TO THE 2007 BASELINE (IN LINE WITH THE ENERGY EFFICIENCY DIRECTIVE)
- ENSURE SYSTEMATIC IMPLEMENTATION OF THE POLICIES AND MEASURES ADOPTED SO THAT THE ENERGY END-USE DOES NOT EXCEED 54.9 TWH (4 717 KTOE).
- WHEN CONVERTED TO PRIMARY ENERGY LEVEL, 2030 USAGE WILL NOT EXCEED 73.9 TWH (6 356 KTOE)
- REDUCE FINAL ENERGY CONSUMPTION IN BUILDINGS BY 20% BY 2030 COMPARED TO 2005 AND ENSURE THE REDUCTION OF GHG EMISSIONS IN BUILDINGS BY AT LEAST 70% BY 2030 COMPARED TO 2005



NATIONAL ENERGY AND CLIMATE PLAN

ENERGY SECURITY AND THE INTERNAL ENERGY MARKET

- AT LEAST 75% OF ELECTRICITY SUPPLY FROM SOURCES IN SLOVENIA BY 2030 AND BY 2040,
- INCREASE THE SHARE OF THE UNDERGROUND MEDIUM-VOLTAGE NETWORK FROM THE CURRENT 35% TO AT LEAST 50%,
- DEVELOPMENT OF ENERGY STORAGE TECHNOLOGIES, INFRASTRUCTURE AND SERVICES,
- SUPPORT FOR CROSS-SECTORAL INTEGRATION AND IMPLEMENTATION OF NEW CROSS-SECTORAL SYSTEM SERVICES
- TO ENSURE THE FURTHER DEVELOPMENT OF THE PIPELINE SYSTEM IN ACCORDANCE WITH THE GAS FLOWS AND SYSTEM PERFORMANCE, INCLUDING NEW SOURCES OF RENEWABLE GAS AND WASTE,
- TO PREPARE A REGULATORY AND SUPPORT ENVIRONMENT FOR RENEWABLE GAS ALTERNATIVES IN THE NATURAL GAS NETWORK, WHILE ANALYSING AND DETERMINING THE MAXIMUM POSSIBLE SHARE OF HYDROGEN IN THE NATURAL GAS NETWORK,
- TO SUPPORT THE IMPLEMENTATION OF PILOT PROJECTS FOR THE PRODUCTION OF SYNTHETIC METHANE AND HYDROGEN (WITH AN INDICATIVE TARGET 10% SHARE OF RENEWABLE METHANE OR HYDROGEN IN THE TRANSMISSION AND DISTRIBUTION NETWORK BY 2030),



CURRENT SITUATION

- NATIONAL ENERGY AND CLIMATE PLAN HAS BEEN ADOPTED IN FEB 2020, ACTIVITIES UNDERGOING BUT STILL A LOT OF WORK TO DO
- NATIONAL ACT ON THE PROMOTION OF THE USE OF RENEWABLE SOURCES CURRENTLY IN THE PROCESS OF DRAFTING (ETA JUNE 2021)
- NATIONAL ACT ON THE PROMOTION OF GAS CURRENTLY IN THE PROCESS OF DRAFTING (ETA JUNE 2021)
- NATIONAL ACT ON THE ESTABLISHING OF THE INFRASTRUCTURE FOR ALTERNATIVE FUELS IN THE PROCESS OF DRAFTING (ETA UNKNOWN)
- NEW LEGISLATIVE PROPOSAL TO BE PRESENTED BY THE EUROPEAN COMMISSION DURING OUR PRESIDENCY (NEW RES DIRECTIVE, NEW GAS LEGISLATIVE PACKAGE).



CONTACTS FOR FURTHER QUESTIONS:

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THANK YOU!