Strategies Towards Climate Neutrality Goals



How are LTES used to develop LT Low Emission Development Strategies



Carbon Neutrality Roadmap



2030 2040 2050



SCOPE

CHEMICAL FEEDSTOCKS

INTERN'L AVIATION

INTERN'L NAVIGATION

DOMESTIC AVIATION

DOMESTIC NAVIGATION

ROAD AND RAIL

INDUSTRY

RESIDENCES

SERVICES

CONSTRUCTION

AGRICULTURE ETC

ENERGY PRODUCTION

ANIMAL PRODUCTION

VEGETAL PRODUCTION

WASTES

LAND USE

CARBON BIO-SINKS

CARBON GEO-SINKS

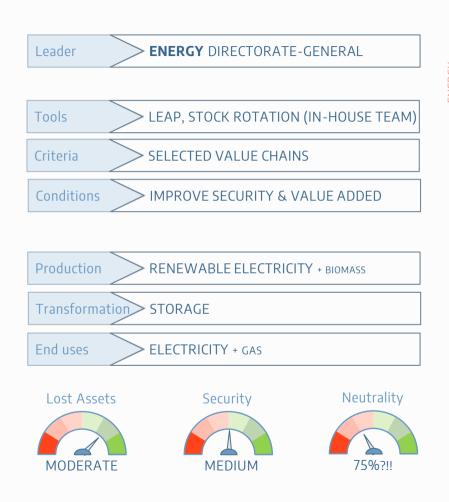
National Climate Energy Plan



2030

2040

2050



SCOPE

CHEMICAL FEEDSTOCKS

INTERN'L AVIATION

INTERN'L NAVIGATION

DOMESTIC AVIATION

DOMESTIC NAVIGATION

ROAD AND RAIL

INDUSTRY

RESIDENCES

SERVICES

CONSTRUCTION

AGRICULTURE ETC

ENERGY PRODUCTION

ANIMAL PRODUCTION

VEGETAL PRODUCTION

WASTES

LAND USF

CARBON BIO-SINKS

CARBON GEO-SINKS

SCOPE SCOPE

CHEMICAL FEEDSTOCKS

INTERN'L AVIATION

INTERN'L NAVIGATION

DOMESTIC AVIATION

DOMESTIC NAVIGATION

ROAD AND RAIL

INDUSTRY

RESIDENCES

SERVICES

CONSTRUCTION

AGRICULTURE ETC

ENERGY PRODUCTION

ANIMAL PRODUCTION

VEGETAL PRODUCTION

WASTE

LAND USE

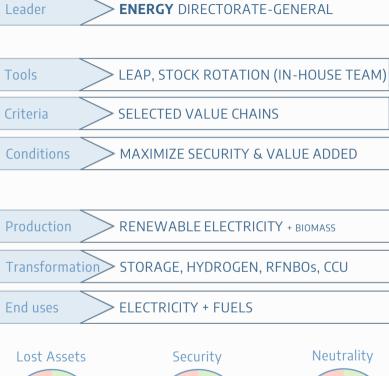
CARBON BIO-SINKS

CARBON GEO-SINKS





2030 2040 2050









In less than one year, '2 ½ 'LT-LEDS with quite different energy system views



Integrated Climate – Energy planning is a concept that makes sense...



...but the implementation requires careful communication & balanced dialogues



Governments / Environment Agencies / Energy Agencies / LTES modelers



Case study conclusions

