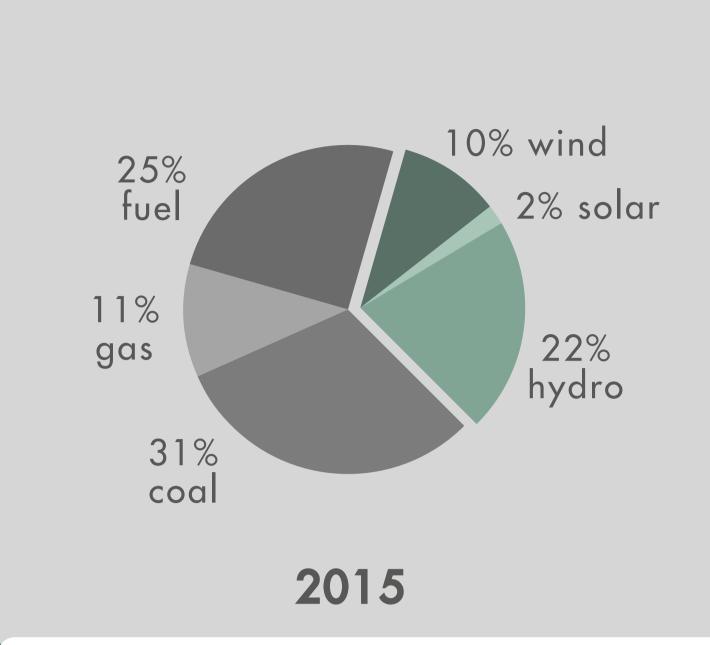
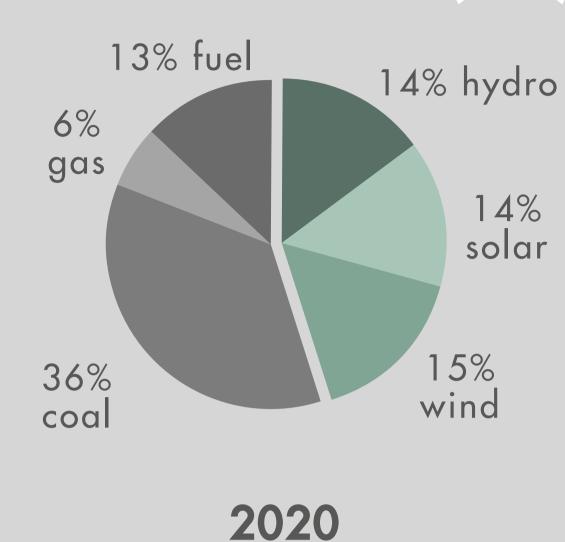
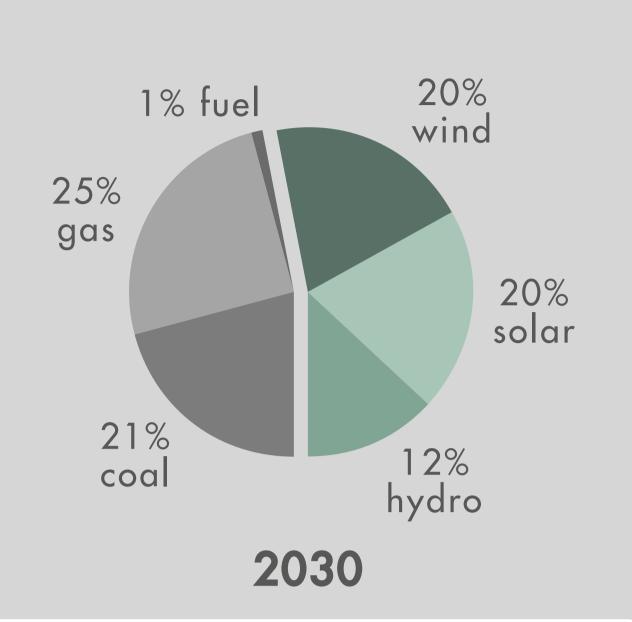
MOROCCO'S RENEWABLE ENERGY TRANSFORMATION GETTING THE POLICIES RIGHT FOR 100% RE

IN 2009, MOROCCO ANNOUNCED ITS GOAL TO RAISE THE SHARE OF RENEWABLE ENERGIES TO 42% (OR 6,000mw) OF ITS TOTAL INSTALLED CAPACITY BY 2020. DURING THE COP21, THE GOVERNMENT ANNOUNCED ITS COMMITMENT TO REACH A RATE OF RENEWABLE ENERGIES PENETRATION OF 52% OF TOTAL INSTALLED CAPACITY BY 2030.



INSTALLED CAPACITY (in %)





AXES FOR RE DEPLOYMENT IN MOROCCO







LEGAL FRAMEWORK INSTITUTIONAL BUILDING

RE is the subject of a diversified portfolio for solar, wind and hydro anchored in a legislative framework, notably Law n° 13-09, promulgated in 2010 to liberalise and develop the RE sector in Morocco.

The progressive liberalisation of the energy sector has been accompanied by the establishment of institutions to take up the challenges of the energy transition, amongst which: MASEN, ADEREE, SIE, IRESEN

SUBSIDIES REFORM

In 2013, the government of Morocco announced the reform of fossil fuel subsidies. Since 1st December 2015, the prices of fuels obey the free play of supply and demand. Only the price of butane continues to be subsidised.

SOCIO-ECONOMIC BENEFITS









NEVERTHELESS, MOROCCO MUST GO FURTHER AND FASTER TO:

COPE WITH GROWING ELECTRICITY DEMAND
INCREASING AT AN ANNUAL RATE
OF 6.6% IN THE LAST TEN YEARS

FIGHT CLIMATE CHANGE
ITS TEMPERATURES WILL INCREASE BY 0.5 TO 1°C
BY 2020 AND BY 1 TO 1.5°C BY 2050 AND 2080

END FOSSIL FUEL DEPENDENCE95% OF ITS CONSUMPTION IS IMPORTED, TAKING10-12% OF GDP FROM THE NATIONAL BUDGET

CAPITALISE ITS RE POTENTIAL
SOLAR RESOURCES ARE EQUIVALENT TO
20,000MW AND WIND POTENTIAL TO 25,000MW







A ROADMAP FOR 100% RENEWABLE ENERGY IN MOROCCO



TECHNICAL PILLAR: Integrate renewable

Integrate renewable energies production on a large scale

- Extend and improve grid infrastructure
- Balance the variable share of renewable energies
- Extend RE to the heating/cooling and transport sectors
- Strengthen RE expertise and technical training



ECONOMIC PILLAR:

Embed RE in a national economic development plan



POLITICAL PILLAR:

Towards a 100 % renewable energy system



- Support the involvement of small and medium sized RE projects in the energy transition
- Open the renewable energy market to competition
- Set a time limit on every type of fossil fuel subsidy

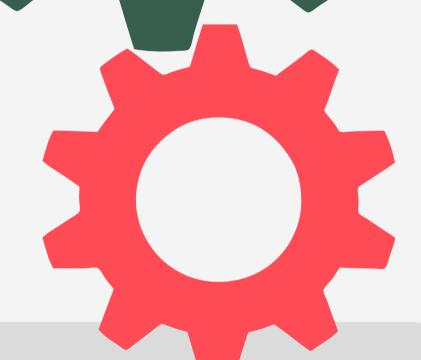


- Formulate transparent, non-discriminatory and stable directives for access to the network
- Ensure participation of self-producers in renewable energies-based electricity production
- Build horizontal and vertical alliances with RE stakeholders



CULTURAL PILLAR:

Design a strategy enabling society to take RE into account



- Strengthen understanding on what going towards a 100% RE system means
- Develop the social dimension within the energy transition framework
- Provide for awareness raising campaigns