

Climate

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Result area 1 - Climate change mitigation Climate change

RESULTS Renewable Energy

To halt climate change, the world needs to accelerate the transition from fossil fuels to renewable energy. At the same time, the world needs to end acute energy poverty. The SDG7 objective of universal access to modern energy by 2030 is still out of reach: 840 million people do not yet have electricity and three billion people cook in traditional, polluting ways, with severe consequences for their health. According to current trends, in 2030 still 650 million people will lack access to electricity, mostly in Sub-Saharan Africa, and 2.2 billion people will be without clean cooking.

The Netherlands is investing in access to renewable energy for 50 million people between 2015 and 2030, and aims to catalyze multilateral and private investment in renewable energy in developing countries. During the reporting period, the Netherlands directly reached 2.5 million people with solar energy, biogas and better cooking appliances. The total number since 2015 is 9.7 million people, so we are on track. Indirectly, we facilitated energy access for another 15.6 million people by preparing projects for multilateral and private investment by others. The total avoided greenhouse gas emissions by the renewable energy programs supported by the Netherlands reached 26 Megatonne CO2 per year in 2030.

To accelerate the results, the Netherlands launched the SDG7 Results facility through RVO, that provides innovative grants to companies, directly based on the additional number of people they provided access. The first results are expected in 2020. The Netherlands provided new finance for the focus regions Sahel and Horn of Africa, through the Clean Cooking Alliance and the Regional Offgrid Electrification Project. The Netherlands supports the new initiative of the UN and WHO to mobilise investment in clean cooking through a global platform of action on energy and health.

INDICATORS	Baseline	Target	Result	Source
ST_Tonnes of carbon dioxide equivalent (t CO2eq/yr) emission reduced, avoided or sequestered by 2030 (ex-ante estimate)	0		25.954.309	4000002350; 4000002143; 21488; 24463; 26010; 29278; 4000000092; 24171; 18315; 25245; 4000002087; 4000002699; 4000002974; 40000002973; 4000002735; 4000002910 ; 4000003402
ST_Number of people that have gained access to renewable energy as a result of Dutch support	0	2.500.000	2.533.961	4000001666; 4000002350; 4000002143; 4000002085; 4000000443; 21488; 24463; 26010; 26625; 29278; 4000000092; 24171; 4000000278; 18315; 25245; 490000; 25548; 4000002087; 4000002627; 4000002699; 4000002974; 40000002973; 18148
ST_US\$ catalyzed multilateral investments in renewable energy	0		9.067.000.000	21488; 24463; 26010; 29278; 4000000092; 25245;
ST_US\$ catalyzed private investments in renewable energy	0		1.267.000.000	4000001666; 4000002350; 4000002143; 4000002085; 21488; 24463; 26010; 26102; 29278; 4000000092; 24171; 18315; 25245; 4000002974; 40000002973

Assessment of the results achieved across the entire result area 1

Assess achieved results compared to planning:	Results achieved as planned
Reasons for result achieved.	The solar energy programmes in particular are doing better than expected. The Africa domestic biogas programs have delivered less results than expected.
Implications for planning.	In 2019, the portfolio has been renewed in line with the policy priorities of the government, with more focus on the Sahel and the launch of the results based finance facility "SDG7 Results". A number of core programs contributing to the results will be renewed in 2020. The Africa biogas program will be structured differently, based on the external evaluation in 2019.

RESULTS Forests and Land Use

To halt climate change and biodiversity loss, the world needs to end deforestation. Forests are an important sink of greenhouse gasses and are home to more than 80% of terrestrial biodiversity, while more than 1.6 billion people - mainly in developing countries - depend on forests for their livelihoods.

The SDG15 objective to protect, restore and promote the sustainable use of ecosystems, including forests, is still out of reach. Annually 7 million hectares of tropical forests are lost causing at least 10% of the world's annual greenhouse gas emissions. Large scale commercial agriculture and small scale subsistence farming are together responsible for more than 80% of total deforestation.

The Netherlands invests in combatting deforestation in order to preserve the most valuable forests, in particular the Amazon, the Congo-basin and Southeast-Asia. We work with governments in developing countries and provide support in formulating and implementing policies and laws that stop deforestation and promote sustainable forest management and reforestation. The Netherlands also works with companies and small farmers in forest rich landscapes to protect and restore forests, while increasing their agricultural production and strengthening their livelihoods at the same time.

During the reporting period, the Netherlands directly reached at least 15,000 smallholders and members of forest dependent communities through projects targeting sustainable agriculture and forest management. In many countries policies benefiting the sustainable management of forests were adopted and the implementation of these policies was improved. In addition, more than 1 million hectares of forests were brought under sustainable forest management. The Initiatief Duurzame Handel (IDH) Landscape programme and the Forest Law Enforcement Government and Trade (FLEGT) programme, among others, made important contributions to the results achieved.

INDICATORS	Baseline	Target	Result	Source
ST_Adoption and implementation of inclusive forest (smart) public and private policies, plans, commitments and practices in the landscape / jurisdiction	0		A large number of policies stimulating sustainable forest management, reforestation and stopping deforestation were adopted and/or implemented, while the quality of (local) policies and implementation stimulating sustainable forest management was strengthened convincingly.	18813; 23379; 24951; 25359; 26625; 27537; 28983; 4000000486; 24885; 18186; 25884; 27549; 4000002211; 4000002173
ST_Hectares of forest(ed) land under sustainable forest management or other improved practices contributing to decreased deforestation, enhanced sinks and increased adaptive capacity of ecosystems and livelihoods	0		0	1070969 4000001925; 23379; 26102; 28983; 25884; 25531; 4000002
ST_Number of beneficiaries (m/f) supported by projects and programs on sustainable agriculture and/or forestry practices in the landscape / jurisdiction	0		0	15000 23379; 26625; 28983; 25884; 25531; 4000002910

Assessment of the results achieved across the entire result area 1

Assess achieved results compared to planning:	Results achieved as planned.
Reasons for result achieved.	The achieved results are as planned, although the reported impact is relatively meager. A number of programs were finalised in the previous year, while some of the newly established programs did not yet report results because they were still in their inception stages. In the fall of 2018 the ministry adopted a new results framework - the results reporting of the previously established programs targeting sustainable forest management was however not yet fully synergized with the new results framework in the current reporting period. The reported results therefore underestimate the impact of the Netherlands with respect to the number of hectares brought under sustainable forest management and the number of beneficiaries reached.
Implications for planning.	For the next reporting period the results reporting of all previously established programs will be synergized with the ministries results framework. Additional results are also expected from a few newly established programs. The ministry will allocate more budget and strengthen its efforts to achieve SDG 15 in the coming years.

* Find more information on the projects on [Openaid.nl](https://openaid.nl) with the activity numbers listed under 'Source'