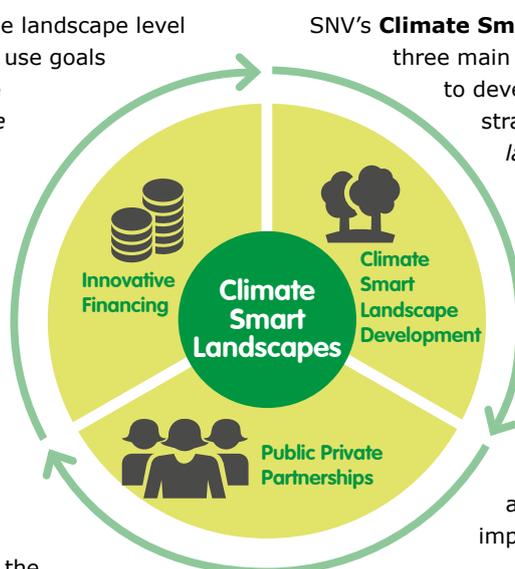




Climate Smart Agriculture Solution: Climate Smart Landscapes

Providing everyone with sufficient food, water, energy and natural resources, without causing deforestation and forest degradation is a major challenge. Climate change further exacerbates this problem, particularly for countries in the developing world.

Planning and introducing solutions at the landscape level are critical to balancing competing land use goals and achieving synergies across multiple sectors. SNV therefore adopts a *Climate Smart Landscapes* approach in order to find common solutions across our core sectors of agriculture, forestry, energy and water, supporting food and nutrition security, ecosystem conservation and poverty reduction. Intervening at this level offers a scale large enough to address many of the governance, market and policy failures that typically underlie the drivers of deforestation and ecosystem degradation, as well as marginalisation of the rural poor, particularly women. It also enables a deeper understanding of the impacts of climate change, as well as the necessary responses needed at multiples levels of intervention.



SNV's **Climate Smart Landscapes solution** contains three main components. We work with stakeholders to develop and implement programmes and strategies for *low emission, climate resilient landscape development*. We involve a wide range of stakeholders in this process by facilitating inclusive *Public-Private Partnerships* (PPPs). To support the implementation of climate smart landscapes, we pursue efforts to access *innovative financing* and engage with companies to unlock private investments. These three complimentary areas of work need to be applied as a package in order to achieve long lasting impacts at scale.



Climate Smart Landscapes



Climate smart landscape development

> Inform climate smart interventions at farm and supply chain levels



Inclusive public-private partnerships

> Facilitate cooperative planning and implementation



Innovative Financing

> Funding climate smart solutions



Deforestation-Free Supply Chains



Evergreen Farms

SNV's **Climate Smart Landscapes** solution is critical in shaping the enabling environment in support of **Deforestation Free Supply Chains** and **Evergreen Farms**.

Climate Smart Landscape Development

Achieving landscape-wide impacts requires looking beyond the farm or company level. SNV works directly with beneficiaries, companies and authorities to design and implement integrated programmes for climate smart landscape development. We support local stakeholders to build institutional capacity and to enhance natural resource management, governance, gender and social inclusion, and landscape planning.

By aligning priorities from multiple sectors - agriculture, energy, forestry and water - we aim to achieve sustainable ecosystem management that helps support food and water security, economic development and climate change adaptation and mitigation across the wider landscape. See in the box below for some examples.

Developing Climate smart landscapes

- In Benin, Burkina Faso and Niger, SNV implements a multi-sectoral cross-border project which focuses on reducing the pressure on the W-Arly-Pendjari (WAP) protected area. WAP is the largest most important continuum of intact ecosystems in the West African savannah belt. The project works to support the adoption of sustainable agriculture and energy activities across the landscape, and to strengthen and harmonize the conservation structures in place in the three different countries.
- In the south-western Rukwa and Katavi regions of Tanzania, SNV is developing a regional strategy which combines integrated river basin management and land and ecosystem management to build solutions for climate change resilience and water and food security. By stimulating private sector investment in these solutions we aim to build long-term synergies between development and biodiversity conservation.

A landscape approach facilitates alignment with local or district planning processes, enables cross-departmental or ministerial dialogue and facilitates the negotiation of priorities and trade-offs. In some cases, national and subnational authorities have put in place formal planning processes for the development of low emission and climate resilient development strategies.

However, designing and implementing such plans and aligning them with existing policies and climate finance opportunities often remains a challenge. SNV therefore provides support to develop and implement climate compatible plans at various policy levels. Some examples can be found in the box to the right.

Supporting climate compatible plans

- SNV supported the development of Green Growth Strategies for the districts of Murung Raya and Pulang Pisau, in Central Kalimantan, Indonesia. Through multi-stakeholder processes strategic development plans were produced for the rubber and palm oil sectors sector; the main drivers of deforestation in the districts.
- In Nepal, SNV contributed to enhancing the understanding of climate vulnerability and how to address Nepal's climate change adaptation needs during the development of the National Adaptation Plans of Action.
- In Burkina Faso, SNV supports the national government to introduce country-wide biomass Nationally Appropriate Mitigation Actions (NAMAs). Interventions focus on wood-fuel supply through forest planting and the introduction of improved cookstoves for local industries.
- In Vietnam, SNV supported Lam Dong Province in developing the country's first REDD+ Implementation Plan, which was legally enforced and sets out a vision for forestry and agriculture in the province. In Ha Tinh Province, SNV is supporting communal level climate resilient development plans.



Public-Private Partnerships

To successfully design and implement landscape-wide policies and plans it is crucial to involve a wide range of stakeholders. SNV facilitates the establishment of inclusive PPPs that bring together relevant companies, government agencies, research institutes, producers and communities. Such partnerships open up opportunities for discussing issues and priorities and defining common goals. Through inclusive PPPs, we aim to address the systemic value chain constraints that affect smallholders and other market players, and promote strategic planning, cooperative implementation and action, collective monitoring, inclusive policies and mutual learning. These inclusive PPP's are always tailored to a specific opportunity, commodity, market context or socio-economic environment. SNV has considerable experience in developing PPPs to bring about widespread change, having done so in over 30 cases.

Although the way in which partnerships are established and developed will differ depending on the local context and the issues being addressed, SNV has developed a process model that outlines the main phases of PPPs and the key process considerations for effective stakeholder collaboration. This step-by-step approach is based on the action learning cycle of planning, acting and reflecting, with an initial setting up phase.

Innovative Finance

Bringing about change across landscapes requires considerable public and private sector investment. SNV has extensive experience in accessing innovative finance. We distinguish between two broad strands of innovative financing: linking to existing climate and carbon finance opportunities and stimulating private sector investment in sustainable solutions.

SNV is actively engaged in supporting producers, companies and public agencies to tap into climate and carbon finance opportunities. This includes accessing carbon markets, and new market mechanisms such as through *Nationally Appropriate Mitigation Actions*. National and subnational plans for climate change adaptation and mitigation are often the entry point for such financing.

SNV also stimulates private sector investment in climate smart landscapes. Through our Impact Investment Advisory Services (IIAS) programme, we provide financial and technical assistance to small and medium-sized enterprises. By unlocking the potential of this 'missing middle' we stimulate low carbon growth through job creation, social inclusion and environmental protection. As part of the IIAS programme, SNV manages the Vietnam Business Challenge Fund (VBCF), which is explained below.



Climate smart business in Vietnam

The Vietnam Business Challenge Fund (VBCF) is a £ 7 million programme supported by UK Aid and managed by SNV. Through the VBCF, SNV supports industry champions in agriculture and low carbon growth to develop innovative business models that deliver commercial benefits and social impact for low income populations in Vietnam. The VBCF will leverage GBP 10 million in private investment capital by the end of 2015. So far, business initiatives supported by the fund have created 4,000 new jobs, generated income increases for 34,000 people and enhanced access to climate smart goods and services for low income beneficiaries.

Current projects

- **Balancing palm oil production and forest conservation in Indonesia**
- **Mangroves and Markets project in Vietnam**
- **Vietnam Forests and Deltas programme**
- **Resilient Rangelands in the Sahel**
- **Climate Resilient Water and Food Security Solutions in Tanzania**
- **W-Arly-Pendjari (WAP) regional programme in Benin, Burkina Faso and Niger**