WWF BANKABLE Opportunities

ERS, May 2021



A Bankable Nature Solution or

any project or company that:



Has a positive impact people and nature at a landscape level



Generates a positive financial return*

*In many cases it will use blended finance

JAR A EXAMPLES

BÜYÜK MENDERES RIVER BASIN

Cleaner production methods in the textile sector WWF, Central Government of Turkey (Department of Water Affairs), metropolitan authorities of Aydin and Denizli, South Aegean Development Agency (GEKA), international buyers/brands, textile manufacturing companies

(Estimated) Impacts Activity đ ۳Ğ, At least 1.5 millio Lowering costs 20% of through reducing cubic meters the use of water. of water impact on chemicals and saved water quality energy mitigated

INGOLDISTHORPE WETLAND

A natural capital solution of the first water utility green bond in **Europe from Norfolk Rivers Trust** (NRT), Anglian Water, Environment Agency, William Morfoot Ltd

(Estimated) Impacts	Activities	
53% Natural filtering of savings of liters of water a day	Lowering costs through power savings	gh

CAFÉ SELVA NORTE

Climate-smart coffee agroforestry systems in Peru The Land Degradation Neutrality (LDN) Fund, LDN Technical Assistance Facility (TAF), URAPI Sustainable Land Use Vehicle, **ECOTIERRA**

RESILIENCE OF WETLANDS IN PERU

Building the resilience of Wetlands in the Province of Datem del Marañón, Peru Green Climate Fund (GCF), Peruvian Trust Fund for National Parks and Protected Areas (Profonanpe), Korean government

(Estimated) Impacts 1.3 millior tons of co.e

sequestered/

2.6 million

conserved

avoided

reduced

Livelihoods Generating of productive of 2,000 agroforestry producers systems mproved

 \checkmark Carbon cred Generating revenues through plant's increased sequestration WWF

revenue from revenue from timber and the processing increased coffee sales services

Activities

(Estimated) Impacts Activities P Deforestation Carbon credit 343.000 ha of **4,861 ha** revenues of peatlands tons of CO₂e and forests

avoided



through newly created avoidance hio-husinesse

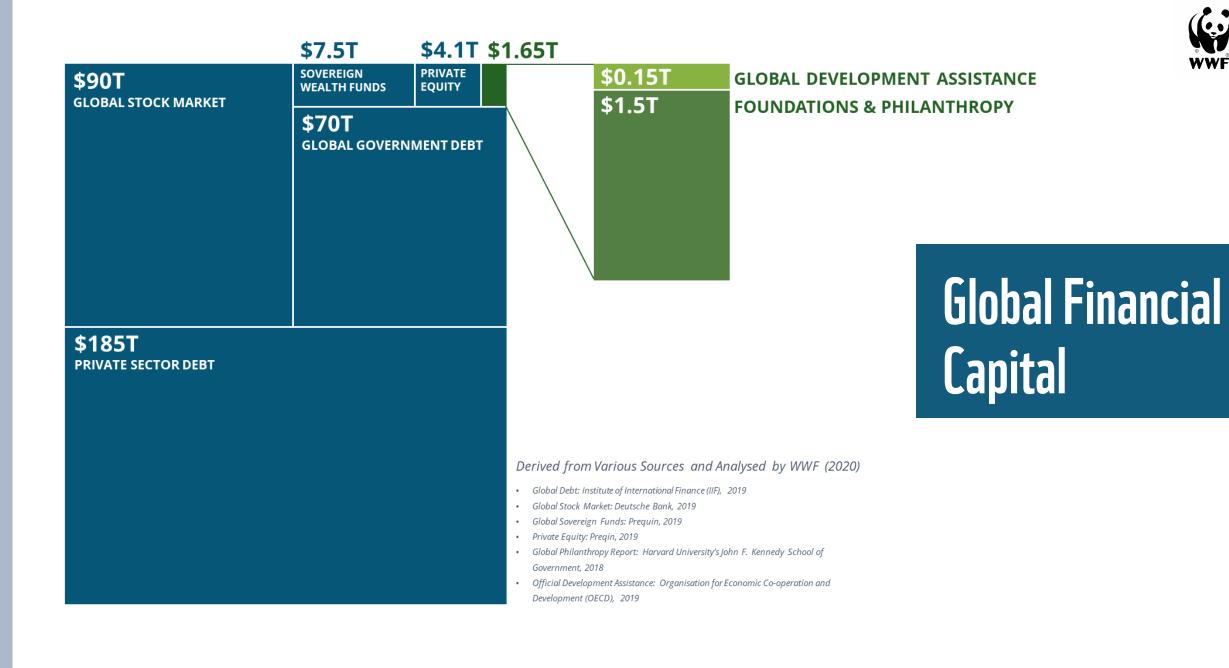
Shutterstock





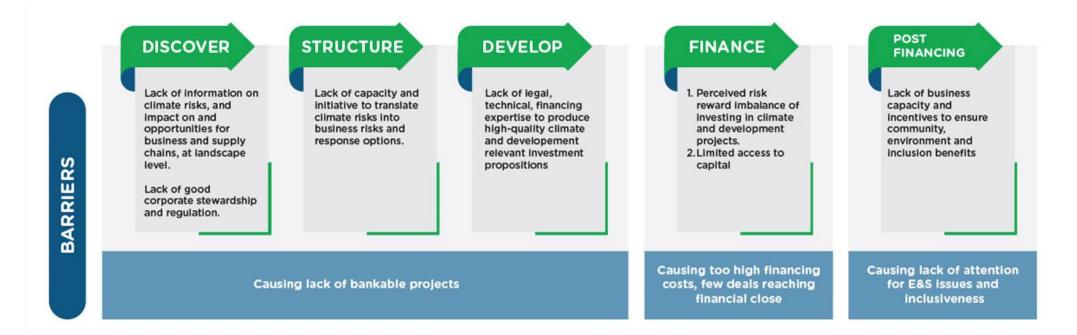
GAP





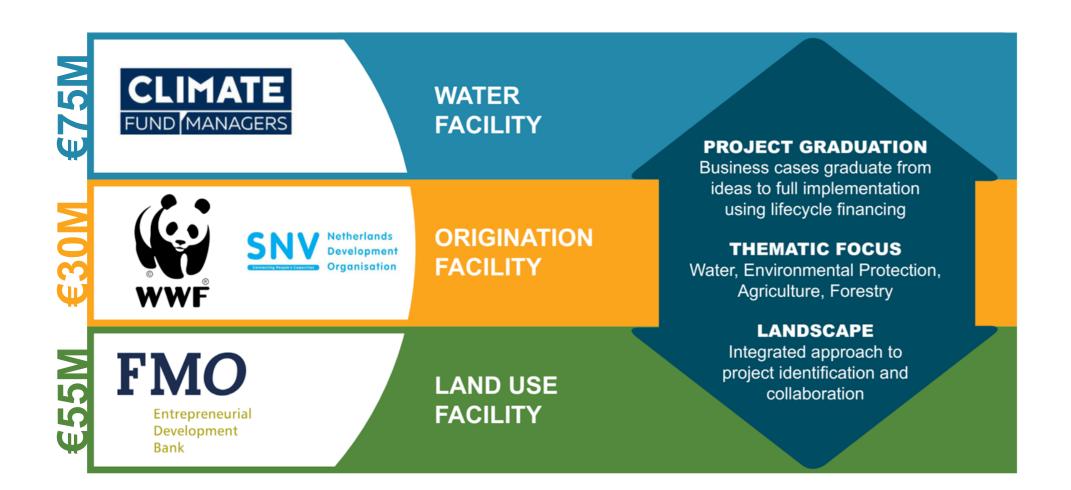


LACK OF PIPELINE



THE DFCD STRUCTURE





FOCUS THEMES





Climate-smart agriculture

Climate-smart agriculture is an approach that helps to guide actions needed to transform and reorient agricultural systems to effectively support development and ensure food security in a changing climate. Climate-smart agriculture has three main objectives:

- Sustainably increasing agricultural productivity and incomes;
- Adapting and building resilience to climate change;
- Reducing and/or removing greenhouse gas emissions and the use of (chemical) fertilizers, pesticides and water to reduce the footprint on terrestrial and freshwater ecosystems.

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Environmental protection

This theme encompasses projects that aim to protect or restore key ecosystems such as wetlands, peatlands and mangroves. This leads to many benefits ranging from the local to global scale. It provides important services to flora, fauna and local communities whose livelihoods depend on functioning ecosystems. In addition, these ecosystems are essential in protecting people against natural hazards, such as extreme floods, droughts and wind surges, and can serve as enormous carbon sinks.



Forestry

This theme promotes healthy and thriving forests. Forests can be conserved or actively planted. Forests can be planted on land which previously contained forest but was converted to other land uses, as in the case of reforestation. Afforestation increases tree cover on land which historically did not contain forest. The diversity in tree cover is key for healthy and thriving forests, maximizing the benefits that these forests provide. Multiple sources of revenue can be derived from forests, including revenues from timber as well as from Non-Timber Forest Products such as nuts and edible fruits.



Climate change is expected to cause fluctuations in the water supply (e.g. droughts or flooding) and affect the quality of water. This theme consists of a broad range of possible interventions that mitigate or adapt to these changes. It encompasses restoration and sustainable management of wetlands, headwaters and floodplains in order to conserve crucial water resources. Moreover, it includes Water, Sanitation and Hygiene (WASH) programs that are aimed at improving availability of and access to drinking water and sanitation supplies.

Opportunity

- Climate-smart agriculture contributes to improving food security thanks to higher resilience of crops to extreme weather events;
- Maintains and improves soil quality, reduces soil degradation and saves water;
- Increases biodiversity by creating a healthy and natural environment;
- Reduces reliance on fossil fuels and pesticides resulting in the release of less chemicals and pollution in the environment.

Opportunity

- Ecosystems can provide ecosystem services e.g. stormwater management, improved air quality etc.;
- Ecosystems are nature's best defences against extreme weather events;
- Formerly degraded land becomes productive again leading to economic benefits resulting from natural resources and ecotourism;
- Biodiversity significantly increases when natural environments are protected or restored.

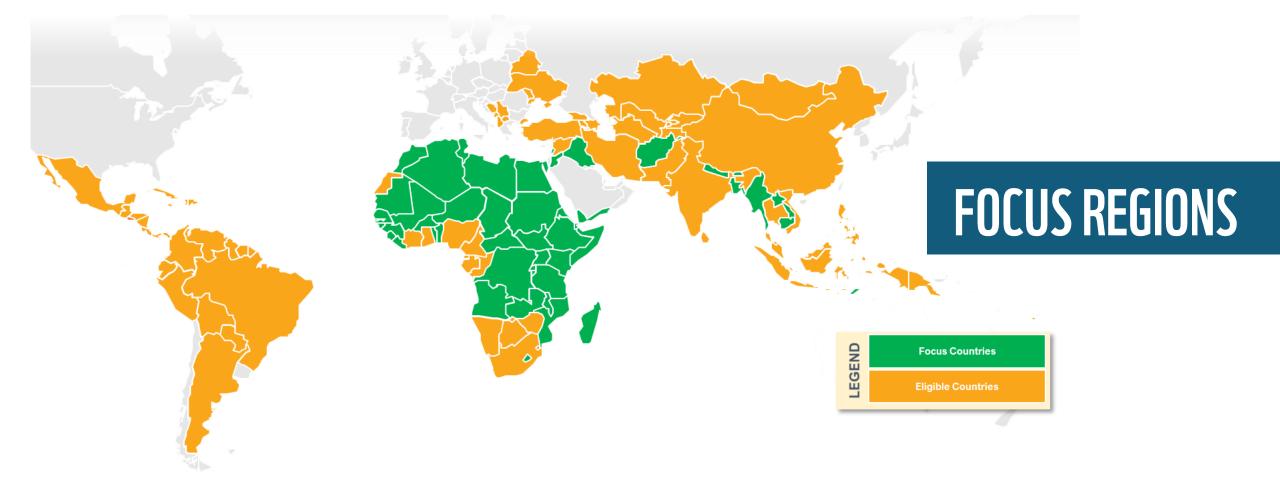
Opportunity

- Reverse land degradation and rehabilitate degraded land;
- Changes in land use through afforestation can lead to a gradual accumulation of Soil Organic Carbon (SOC), providing an effective climate mitigation strategy;
- Improved ecosystem functions and services such as soil and water conservation;
- · Increase in biodiversity when using mixed species;
- Sustainable management of forestry and afforestation, providing job opportunities and benefits to the local economies.

Opportunity

- Restoration and sustainable management of water bodies builds resilience towards weather extremities, such as floods and droughts;
- Good wastewater treatment helps prevent contamination and destruction of natural habitats;
- WASH helps achieve gender equity as women and girls no longer need to collect water over large distances;
- WASH helps to provide more educational opportunities for children due to a decline in diarrheal diseases, and good and safe water supplies and sanitation.



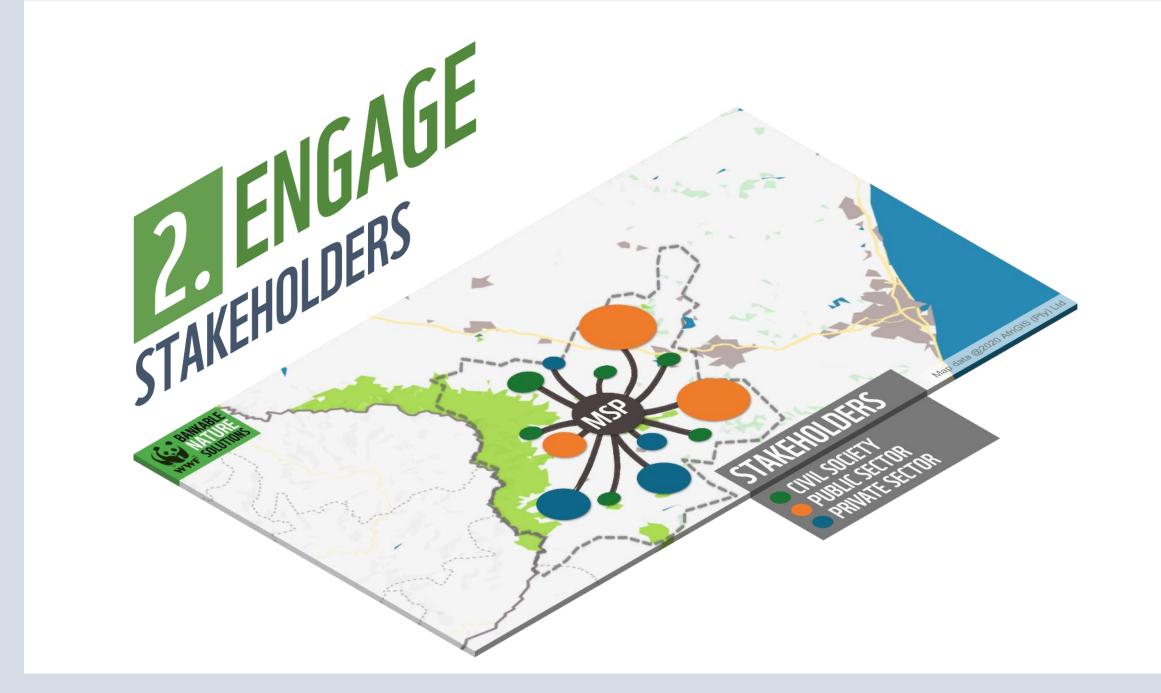














KEY BIODIVERSITY AREAS

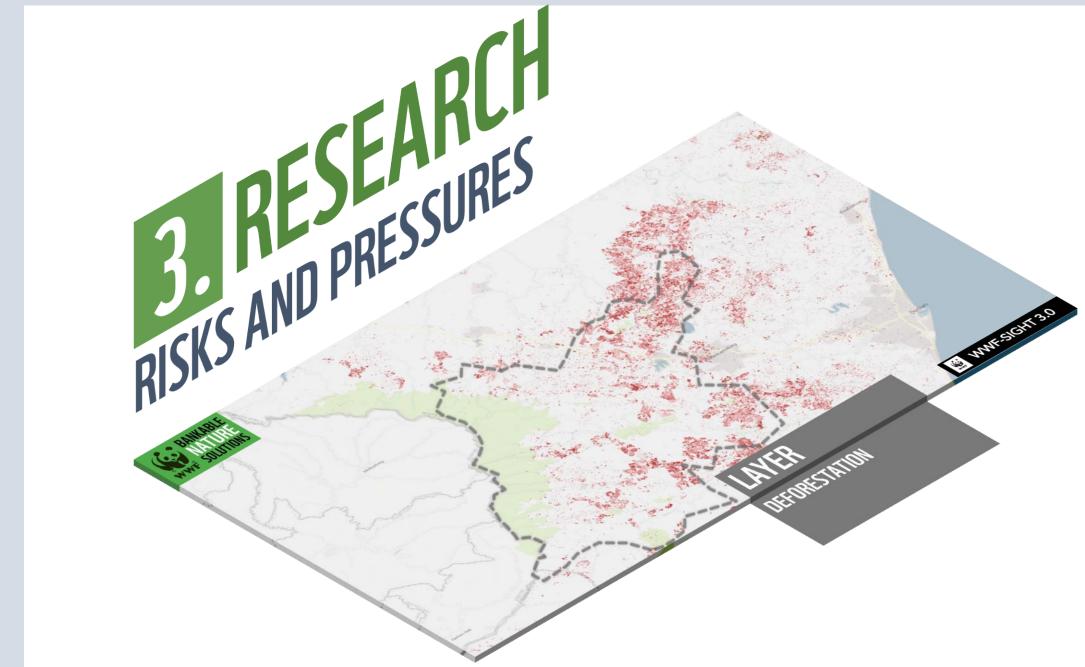
The World Database of Key Biodivensity Areas (KBAs) Spatial Dataset lists "sites that contribute to the global persistence of biodivensity," including viala habitation to threadend plant and arimal species in terrestration, tertawater and marine ecosystems. For luttree details, see www.tepicoblevensityereas.org, KAba include important Bird and Biodivensity Areas (IBAs) detailed by the BirdLR Particular Science (IBAs) (Source Incerding Contention) and the set of th

BirdLife International (Iyear 2016)). World Database of Key Biodiversity Areas. Developed by the KBA Pantneship: BirdLife International, International Union for the Conservation of Nature, Amphibian Survival Alliance, Conservation International, Critical Ecosystem Partnership Fund, Global Environment Facility, Global Wildlife Conservation, NatureServe, Rainforces Trust, Royal Society for the Protection of Birds, Wildlife Conservation Society and World Wildlife Fund. Available at

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FOREST LOSS DURING THE PERIOD 2000-2012

Description

Additional in the second secon

In this case with the cover is address as all regardisis graduate than 5 meters in height, and may be the form of instance beens or particultions uses a mage of cancer where the rest rest instance address at a "stand replexement disturbance," or the comparise removal of the cover cancer parts that the part is address and the rest or the stand in the main disturbance, including between particles and the stand part is address and the stand in the stand in the stand parts and the standard parts and the low or the stange to the standard hermitian the standard parts and the standard parts and the standard parts and the standard parts and the standard standard parts and the standard parts and the standard parts and the standard parts and well as natural causes such as disease or sterm damage. Firs is another widespread cause of the cover folos, which are before the standard of nume-warded.

When zoomed out, pixels of loss are shaded according to the density of loss at the 30 x 30 meter scale. Pixels with darker shading represent areas with a higher concentration of tree cover loss, whereas pixels with lighter shading indicate is lower concertancis of tree cover loss.

For additional information about the results of global forest loss and gain detected during the period 2000-2012, please see the associated journal article in the following <u>ink</u>.

Limitations

Due to variation in research methodology and date of content, tree cover, loss, and gain data sets cannot be compared accurately against each other. Accordingly, "net" loss cannot be calculated by subtracting forgues for the cover and from there cover loss, and current (post-2000) tree cover cannot be determined by subtracting figures for annual tree cover loss from year <u>2000 tree cover</u>.

The activate evaluated the overall preventees of this posteries (commission enrough in the data at 31%, and the preventees of taken engines consistence evaluation. The model data interval bases and that may be higher or baser in any particular location. The model data interval where this top of exhibitance as more common. The authors and "prevent configer that the two scores of the data control of the antiparticle control within a part before a data bases of the data control of the antiparticle control within a part before a data bases of the data control on the data control top data that control within a part before a data bases of the data control on the data control bases and any activation and prevention of the data control on the data control on the data and the antipe sent tables and the prevention of the data control on the data control within a particle control on the data and the antipe sent tables and the data and the d

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When analyzing a specific year of "forest loss", it is important to bear in mind that the 2011-2016 data was produced using <u>updated methodology</u>. Comparisons between the original 2001-2010 data and the 2011-2016 update should be performed with caution.

Credits

Internant M. C., P. V. Polgovo, E. Moore, M. Handree, S. A. Tarchanne, A. Tyuchann, D. Tau, S. V. Shihme, S. J. Gutta, T. R. Konten, K. Kommandri, A. Keylon, L. Chill, C. C. Marka, and J. R. G. Townhend, 2013. High-Heandatin Glabal Magn of 2116-Centery Front Cover Cavego: Selence 342. U. Noverhend: 680-68. Data available oriele from http://aethreni/negetries.apopt.com/science-2015.global-forest. Accessed through Glabal Forest Work. New Glabol Towahard, on Selence 343.

Cautions

Global Forest Watch has an open data policy, interneted to provide information free of constaints and metricitions on use. All of the data, projector, charts and other metrices are produce carry to Cartela Common CC PF 14 Cartelances. This means use and all to charts all, and data for data for the data for the data and the second sec

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Legend

Forest Loss During the Period 2000-2012

Forest Loss

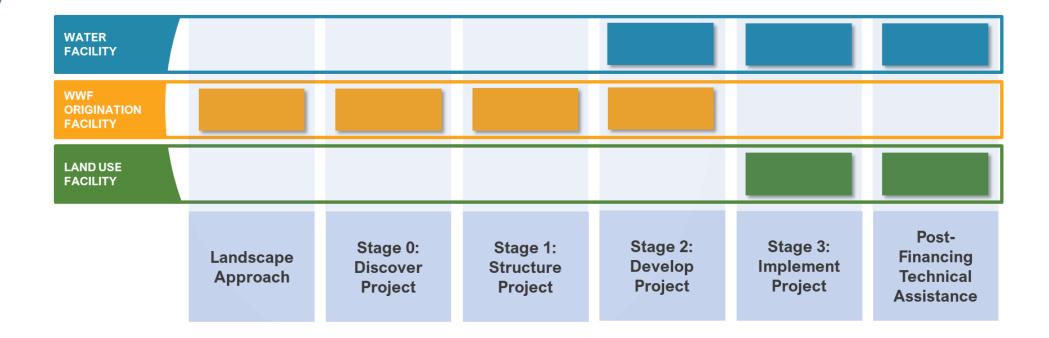


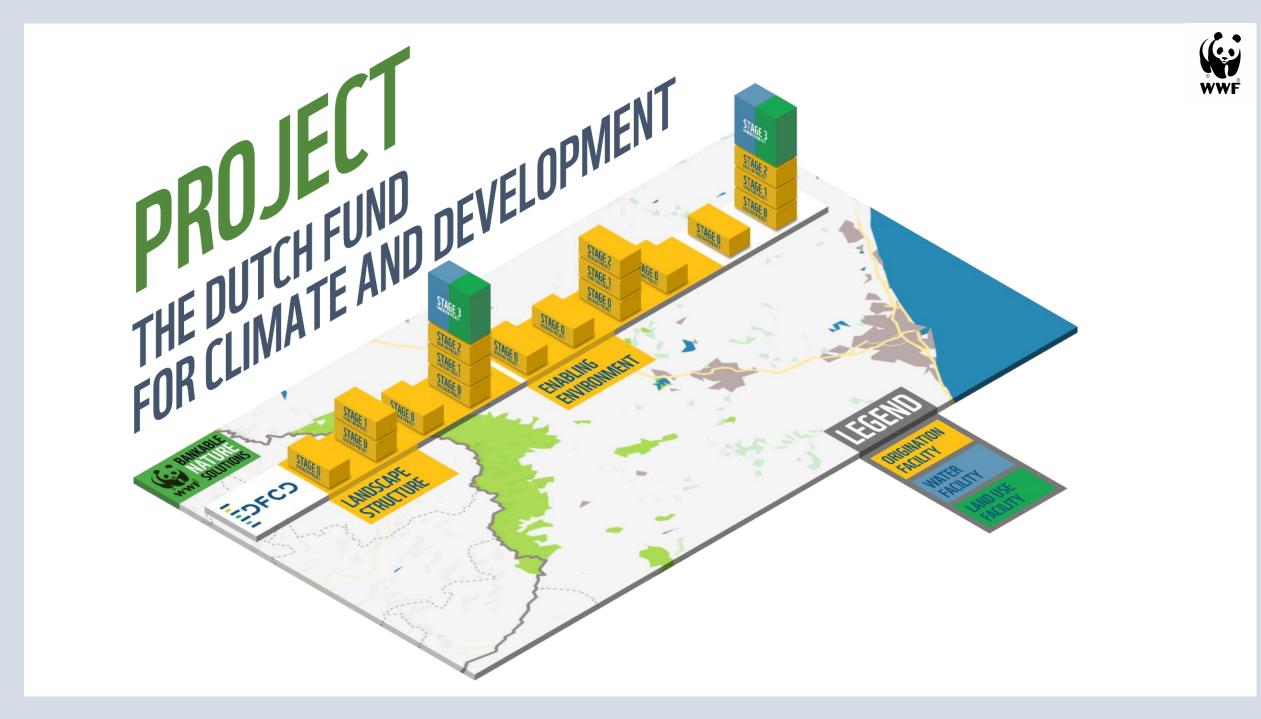




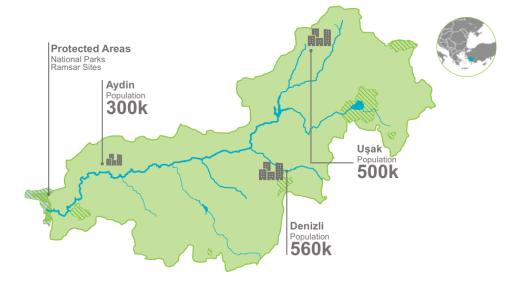
WWF PROCESS

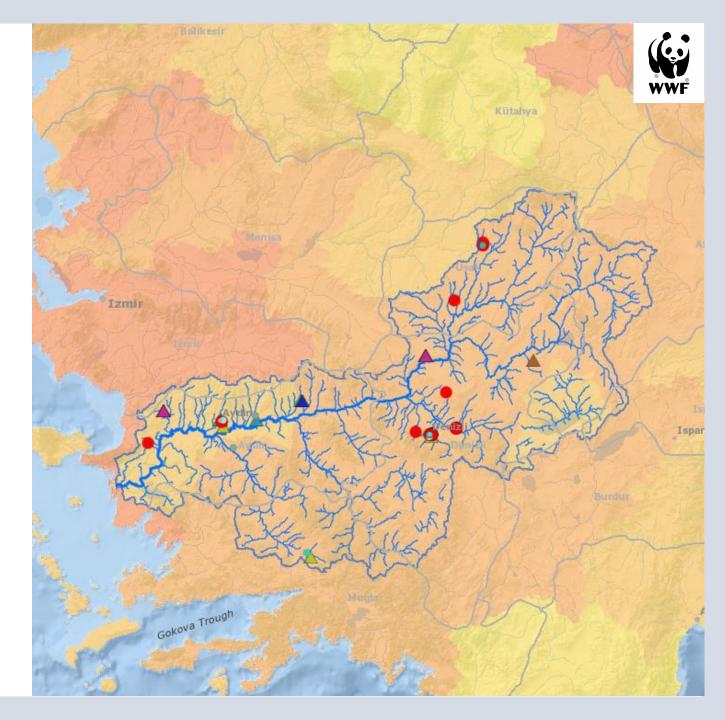
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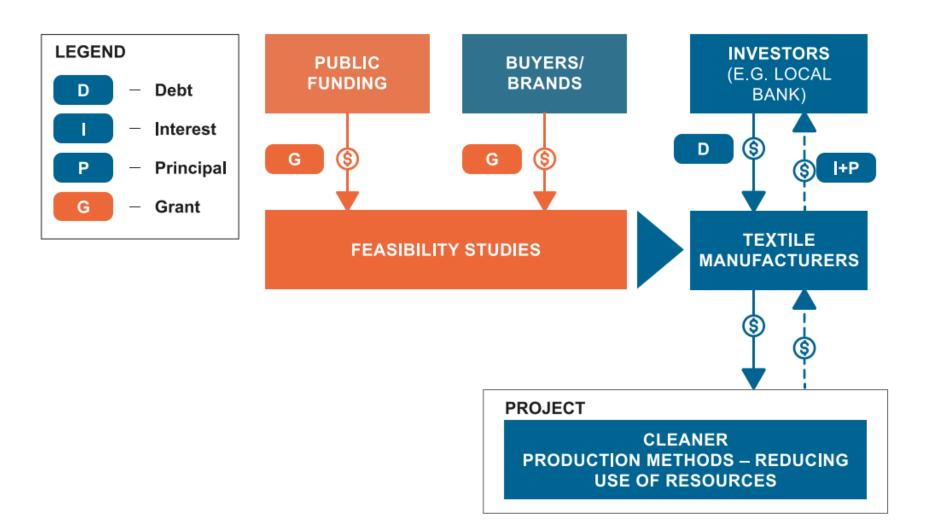
Buyuk Menderes, Turkey





The Model Overview







SEVEN TEXTILE COMPANIES IN THE BUYUK MENDERES BASIN HAVE ALREADY INVESTED €6.5M IN MORE EFFICIENT PRODUCTION TECHNIQUES, SAVING 1.5 MILLION CUBIC METRES OF WATER.



together possible ...



Working to sustain the natural world for the benefit of people and wildlife.

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