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- CDKN priority partner countries.

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 Pag. 6: Ministry of Transport of Colombia.
 Pag. 7: International Center for Tropical Agriculture (CIAT).
 Pag. 8: three pictures by the Climate and Development Knowledge Network (CDKN).
 Pag. 9: upper picture by the Climate and Development Knowledge Network (CDKN).
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Climate & Development Knowledge Network

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Climate & Development Knowledge Network



MAKING A DIFFERENCE
 For a future climate compatible Colombia
CDKN Colombia



“Colombia is committed to the fight against climate change and with the success of the Paris Summit. I also view this as a continent-wide commitment. The emission of greenhouse gases in Latin America and the Caribbean is not historically significant, but we are a very vulnerable region and we cannot remain on the sidelines.”

Juan Manuel Santos,
President of Colombia Republic,
Summit of the Americas
Panama City, April 2015

¿How do we make a difference?

Colombia is one of the most climate-vulnerable countries in the world and has a solid climate change strategy that promotes climate compatible development. The Climate and Development Knowledge Network (CDKN) has supported this country's climate strategy, by bringing more science into decision-making, seeking to improve the quality of life of its most vulnerable inhabitants while promoting more resilient societies and low-carbon development.

In five years, CDKN Colombia has succeeded in building up one of the Network's most innovative programmes, encouraging pioneering sectoral and area-based projects hand in hand with the Government and public and private actors, with a focus on the regions. CDKN Colombia has created networks, alliances and opportunities to exchange knowledge that serve to promote a vision of how climate compatible development can be achieved.

The CDKN programme has already produced tangible results through projects that have generated information, and led to participation, planning and specific activities

The Climate and Development Knowledge Network (CDKN) is a worldwide knowledge network that helps decision-makers achieve climate compatible development.

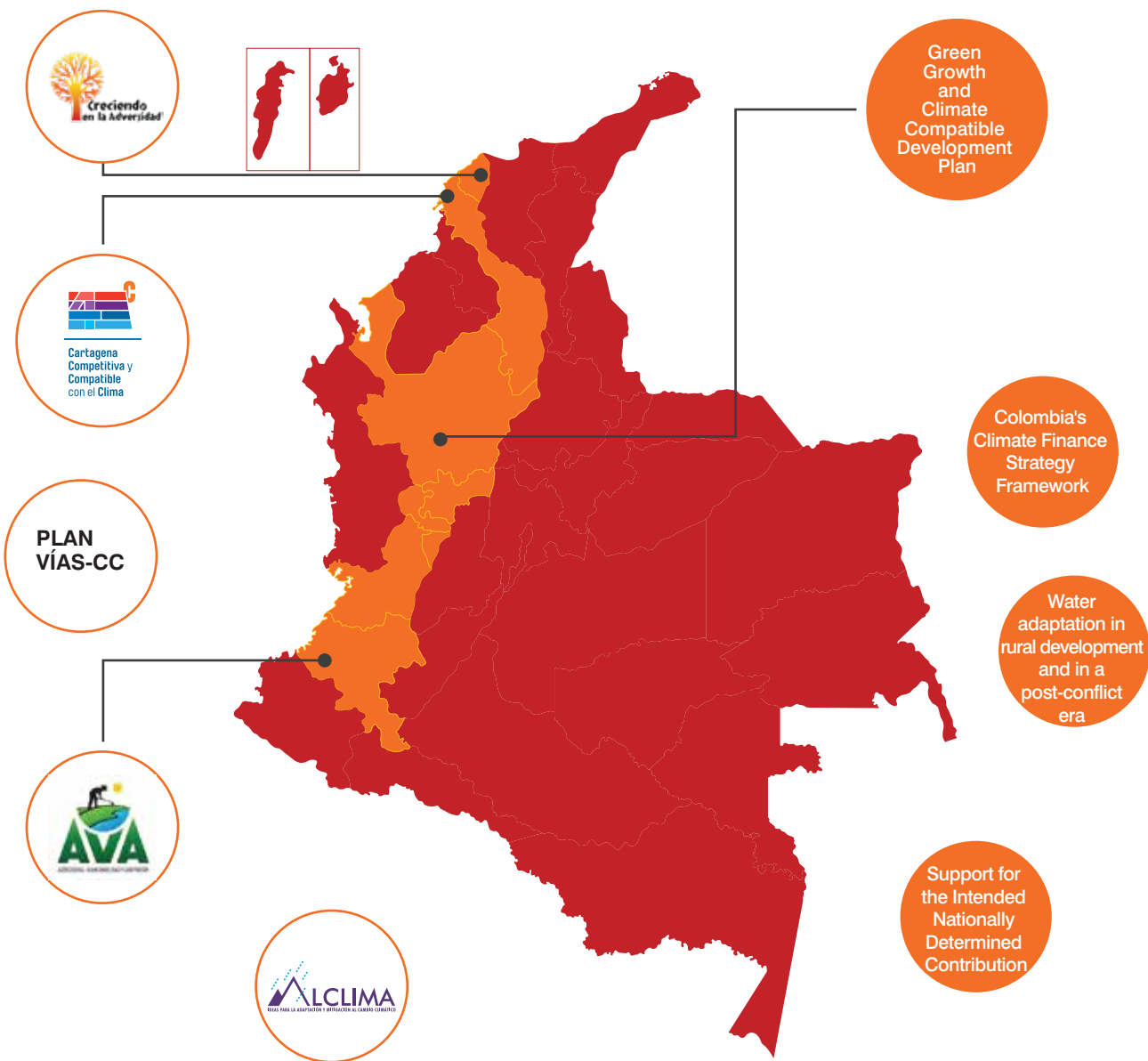
Our activities:



• We generate **cutting-edge knowledge** and help to ensure it is taken on board by decision-makers.



• We create **pioneering and replicable climate compatible development plans** in both sectors and regions.



• We promote the **exchange of learning** as well as innovative means of **coordination and communication**.



• We strengthen Colombia's leadership in **international negotiations**.



• We create **leadership and alliances** to empower agents of change in the public and private sectors and in civil society.



• We support the climate finance strategy of Colombia and contribute to **mainstream climate finance** in the country.



Ecología, Economía y Ética
ASESORÍAS

Facilitating change in Colombia

Since 2011 E3 – Ecology, Economy and Ethics – has administered the CDKN Colombia programme and sponsored cutting-edge projects in climate compatible development. E3 is a Colombian venture that helps public and private entities to take on board the principles of ecology, economy and ethics as an integral part of their business strategies. It develops and implements transformative projects through original strategies and solutions, forging new economies and ways of tackling the great challenges of today and tomorrow, such as sustainability and climate change. E3 has a multi-disciplinary, proactive team that has been outstanding in the creation of strategic alliances with public and private sectors at the local, national and international level.

PLAN 4C "A Competitive and Climate Compatible Cartagena"

Cartagena de Indias is a World Heritage Site. It is Colombia's main tourist destination and one of the most dynamic hubs of the Colombian economy. The over 2,500 companies based there produce 6% of national gross domestic product (GDP), while 60% of the country's maritime trade passes through its ports. Sea level rise and the increase in rainfall pose a challenge to the development and the future physical integrity of the city and its islands.

Plan 4C provides Cartagena with a road map to 2040 and enables the city to promote and implement combined low-carbon, adaptation and development actions.

Plan 4C is now being implemented and has:

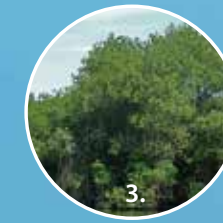
- Put climate change on the agenda of business, local government and the inhabitants of Cartagena.
- Strengthened the capacity of the public authorities and the private sector to undertake climate compatible development actions.
- Overhauled the way the future is viewed for both the city and its islands and projected a new vision of development and competitiveness.
- Defined actions and prioritised projects, estimating the investment required to make them a reality.

Plan 4C strategies:

- 1• Neighbourhoods adapted to climate change.
- 2• Protection of historic heritage.
- 3• Ecosystem-based adaptation.
- 4• Tourism responsive to climate change.
- 5• Climate compatible ports and industry.

Crosscutting strategies, namely:

- Education and communication.
- Information and monitoring.
- Planning and management.





Building lasting and efficient infrastructure for competitiveness



PLAN VÍAS-CC: Climate compatible roads

The road infrastructure sector is one of the main pillars of the Colombian economy because it produces 4.23% of GDP (2013). The Government is supporting the most ambitious programme in the history of this country by promoting fourth generation (4G) road concessions with an investment of the order of US\$18,3 billion and by modernising the main highways. In return, such investments will have to recognise climate vulnerability and lead to roads that are future-proof and therefore more competitive in the long term, maximising investment and reducing operating costs.

The Plan VIAS-CC is Colombia's first sectoral adaptation plan. It sets out a key pathway enabling the sector to make an immediate start on implementing adaptation measures to ensure cost-effective investments with climate intelligent designs. The plan has been conceived as a continuously evolving tool for road adaptation that promotes Colombia's competitiveness.

The Plan VIAS-CC is in now being implemented and has permitted:

- an improvement in institutional capacity for climate change in the transport sector, bringing together both public and private sectors in a vision of climate compatible development.
- the quantification of specific investments and actions for the next five years with a long-term road map.



Colombia's first sectoral adaptation plan.



A Climate Change Committee that brings together Government agencies.



Investment projected for implementation: US\$6.6 million 2015 -2020.

AVA Agriculture, Vulnerability and Adaptation

The agriculture sector represents around 14% of GDP. The foreseeable increase in average annual temperature and changes in rainfall patterns will affect soils, change the distribution of pests and disease, force reconsideration of the type of crops to grow in certain areas, and affect production costs, making the agriculture sector and economy vulnerable to climate change.

Because of its strategic socioeconomic role, the Upper Cauca River Basin was selected to pilot the development of the first climate vulnerability model for the Colombian agricultural sector. AVA is an innovative methodology that makes it possible to define an effective multi-dimensional model to analyse the vulnerability of the agricultural sector. It produces results that guide the sector and its institutions and shape future decisions.

The AVA model is a key tool with which to analyse climate vulnerability. For the first time it takes into account and integrates economic, political, institutional, sociocultural and biophysical dimensions and indicators. The model has been refined and is being adapted for use in other regions of the country.



As the breadbasket of Colombia and home to 20% of its population (9 million), this is an important region of the country.



The model produced results for six strategic crops in 99 municipalities and five departments in the Upper Cauca River Basin.



First model for analysing the country's agriculture vulnerability.



GREEN GROWTH AND CLIMATE COMPATIBLE PLAN in Eastern Antioquia

Eastern Antioquia is one of the most dynamic regions of Colombia, with a wide variety of people, economies, climates and landscapes. Its 26 municipalities have widely divergent economies, ranging from proactive Rionegro – which is becoming a centre of innovation, experiencing a real estate boom and is home to some large companies – through to municipalities with poor socioeconomic conditions that are emerging from armed conflict and seeking development options. It is, therefore, a strategic region in which to draw up Colombia's first plan combining climate change with a green economy, using a participatory process and creating a vision of change.

This plan will make it possible to combine climate compatible development with a green economy at the local level. Using this approach will help Colombia's decision-makers to scale up the model and will offer development options for its people and for sectors that form part of a vision for the country.



This area supplies more than 25% of Colombia's power and encourages payments for innovative environmental services with Banco2. (<http://www.banco2.com/>)



40% of its population still live below the poverty line.

INNOVATION TO CREATE NETWORKS for leadership and transformation

Climate compatible development in the various regions and sectors requires a continually expanding network of proactive, empowered actors with vision and the ability to collaborate.

- Setting up sectoral and regional climate change committees.
- Involving new actors in planning discussions and processes.

In order to achieve this, CDKN Colombia promotes new forms of climate leadership, coordination and transformation through dialogue and innovative engagement processes (Action Lab Colombia, Knowledge Lab Colombia) where knowledge, experience and the lessons of climate compatible development are exchanged and actions are jointly developed among leaders of the different sectors and regions of Colombia.

Within this framework, CDKN has succeeded in:

- Creating a network of 110 innovative climate leaders in Colombia.
- Developing the first internet platform on good climate practices with ALCLIMA (<http://mukuralab.com/alclima.semana.com/>).



CLIMATE FINANCE STRATEGY Framework

Colombia has developed three climate change strategies (National Adaptation Plan, Low-Carbon Development Strategy, National REDD+ strategy) and has incorporated climate compatible development in the new National Development Plan 2014–2018. Innovative forms of finance must be found to turn these strategies into significant actions and identify the co-benefits. With the support of CDKN, the Colombian Government is developing a framework for its climate finance strategy. With this tool the country will be able to recognise its finance needs, and identify the most appropriate and creative mechanisms as well as local, national and international sources of finance, while gradually moving Colombia towards the inclusion of climate change in its economy.



**WITH YOUR HELP
WE CAN DO MORE AND
KEEP ON MAKING A
DIFFERENCE**

We invite you to join us in making a difference

Over the course of five years CDKN has invested US\$4.1 million in the CDKN Colombia programme. This investment in the different projects promoted in this country, combined with the action taken by the CDKN team, have made it possible to construct one of the most outstanding programmes of our network, and have significant impacts at the national and subnational level.

The cutting-edge projects we are carrying out in this country have positioned CDKN Colombia as a leader and point of reference in matters of climate compatible development, as a reliable partner for public and private institutions and as a programme that has produced results and processes that can be applied to other regions or sectors of Colombia.

We have an extensive network of partners with whom we have built up a relationship of trust. This includes both national and regional governments, private enterprise and sectoral associations, the media, research and educational centres, non-governmental organisations and communities who have grasped the climate challenge. With partners, we can do more!

We therefore invite you to join us to make a difference, continuing to expand our impact in the regions and sectors and amongst the people. Together we can keep on promoting important processes of innovation and transformation.



Your participation will enable us to continue promoting the pioneering programmes and projects that benefit so many. In Colombia, with CDKN you can count on:



• A reliable platform capable of bidding for projects, administering and making investments, and monitoring progress, results and impacts.



• Initiatives that are ready to be funded in different regions and sectors.



• A worldwide knowledge and learning network taking in over 74 countries across 4 continents.



• A pioneering focus on climate compatible development that highlights the co-benefits of mitigation, adaptation and development.



• A consolidated, multi-disciplinary and creative team.



• Capacity to get science and research into decision-making.



• A partner in the implementation of cutting-edge, pioneering projects.



• Effective forms of participatory work at national and regional levels.



• A portfolio of projects already underway and capable of being scaled up so that impact is further enhanced.



• A network of public and private climate actors in different sectors and regions of Colombia.