

WAGENINGEN GUIDE TO CLIMATE SMART FUTURE

UN climate conference COP21, Paris, 2015



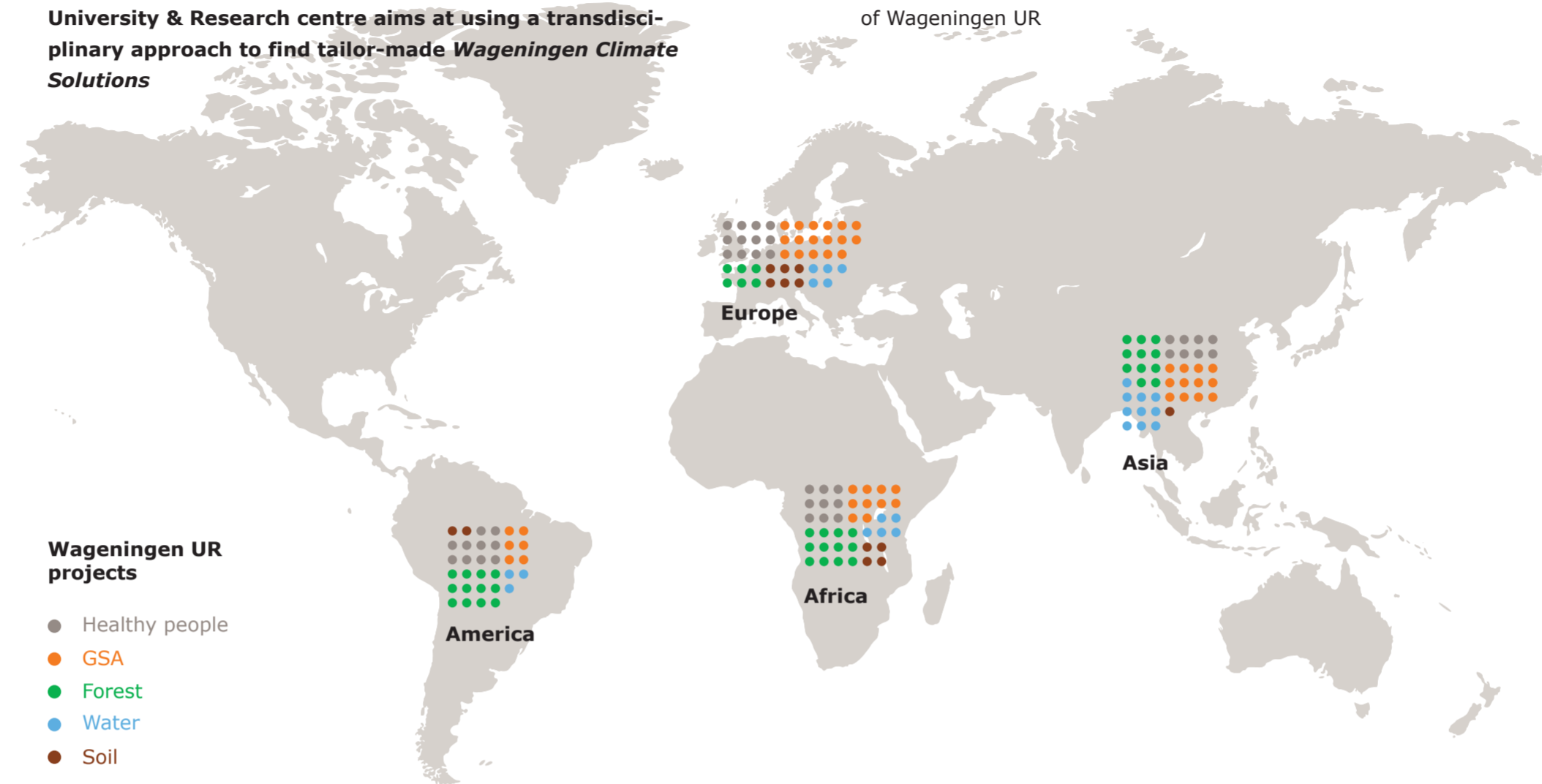
For more information visit www.wageningenur.nl/climatechange

Wageningen UR working on climate smart future worldwide

Climate change has moved from a long-term environmental issue to a complex global development challenge. To meet future food and other bio-based demands (energy, materials, chemicals) higher production levels are required while greenhouse gas emissions need to be reduced. Wageningen University & Research centre aims at using a transdisciplinary approach to find tailor-made *Wageningen Climate Solutions*

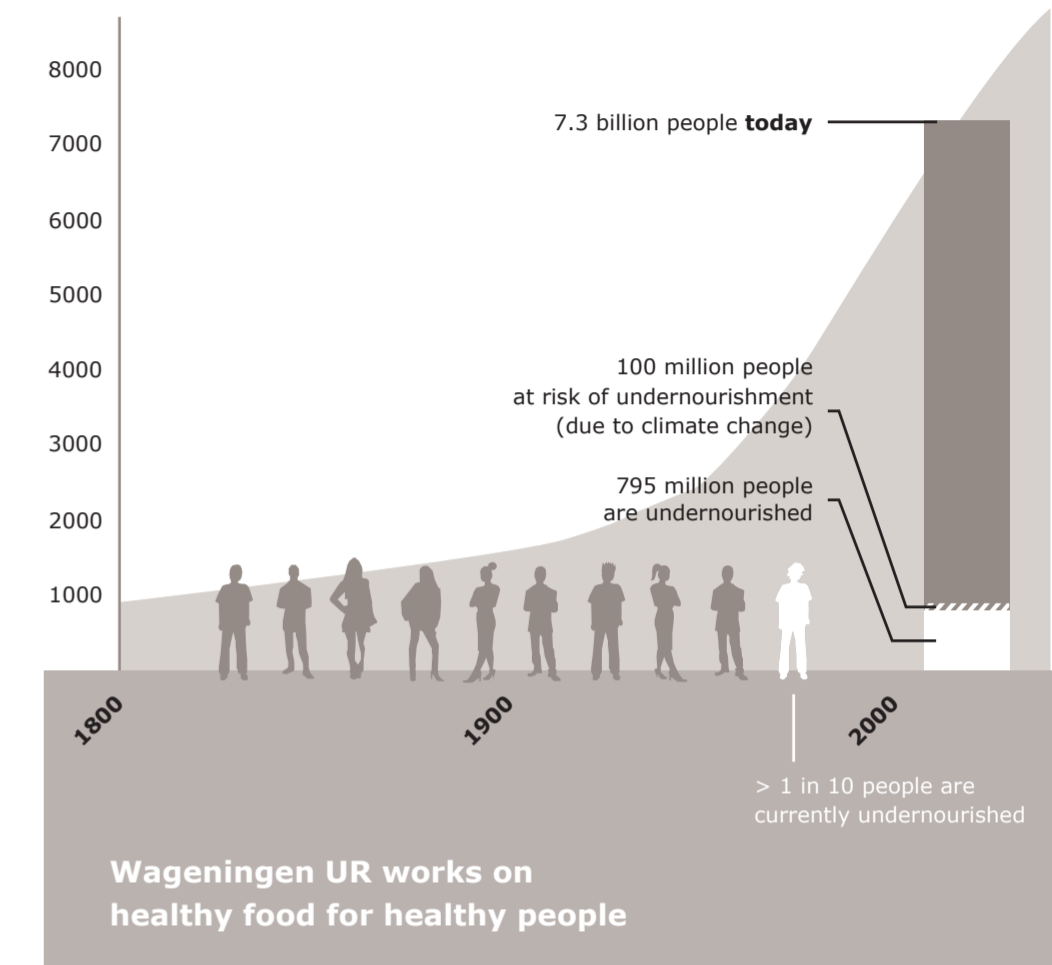
'Climate is a prime topic of cognitive dissonance: everybody wishes that it dissolves itself, without doing much for the present'

Prof. Louise O. Fresco, president of the Executive Board of Wageningen UR



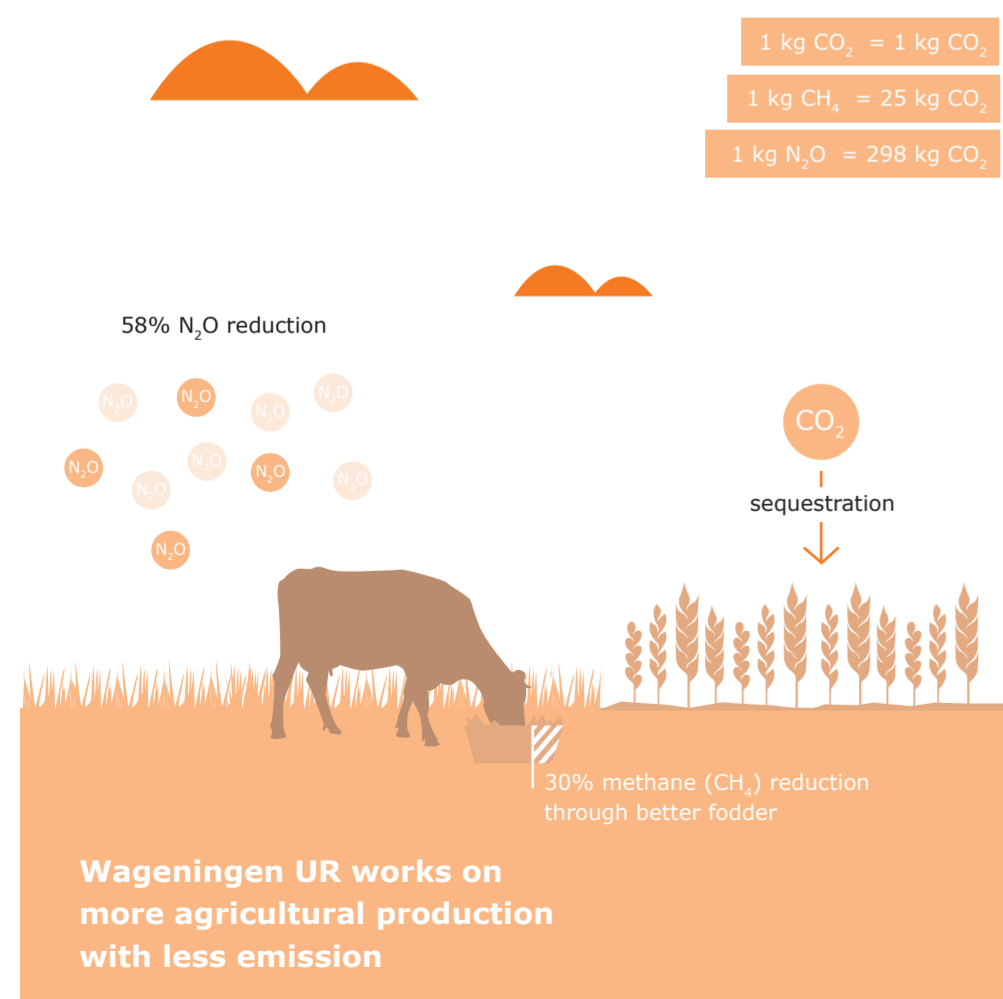
Healthy people

Sustainable development goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture



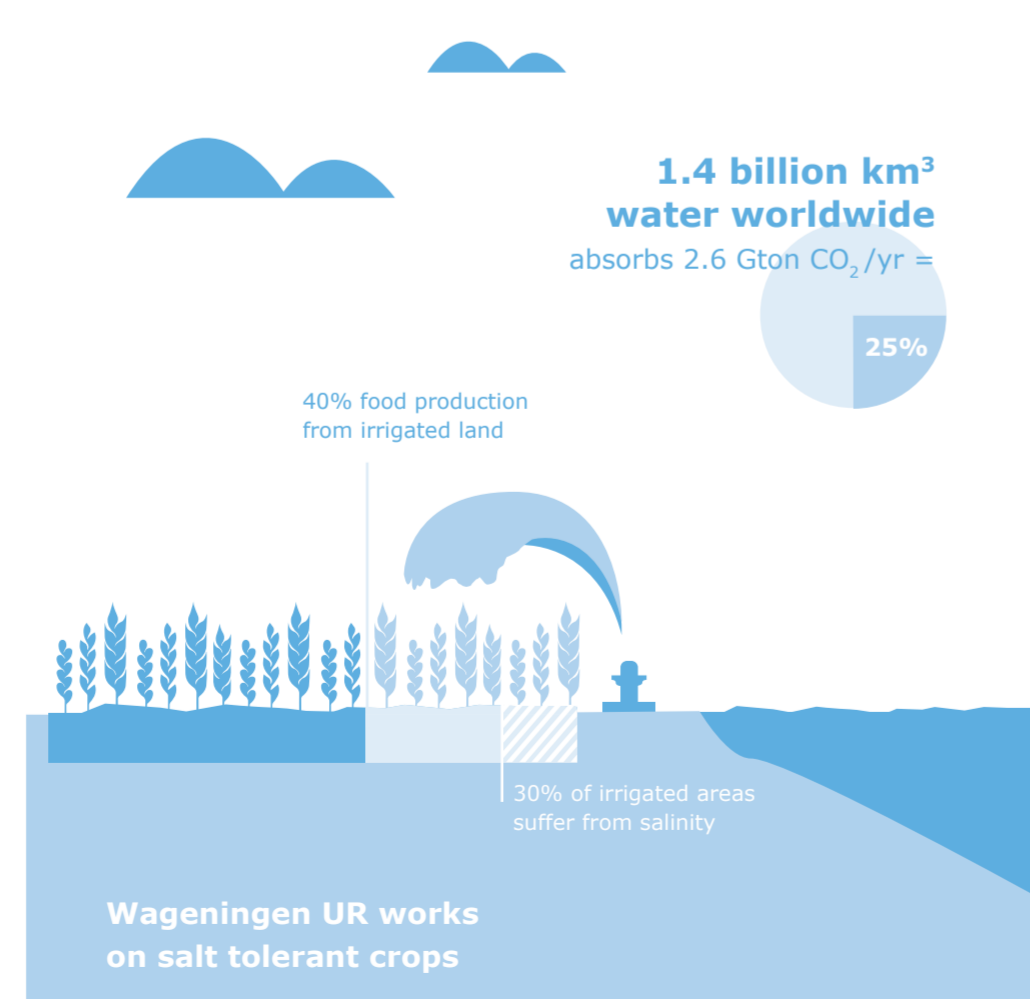
Climate Smart Agriculture

Sustainable development goal 15: Take urgent actions to combat climate change and its impacts



Water

Sustainable development goal 6: Ensure availability and sustainable management of water and sanitation for all



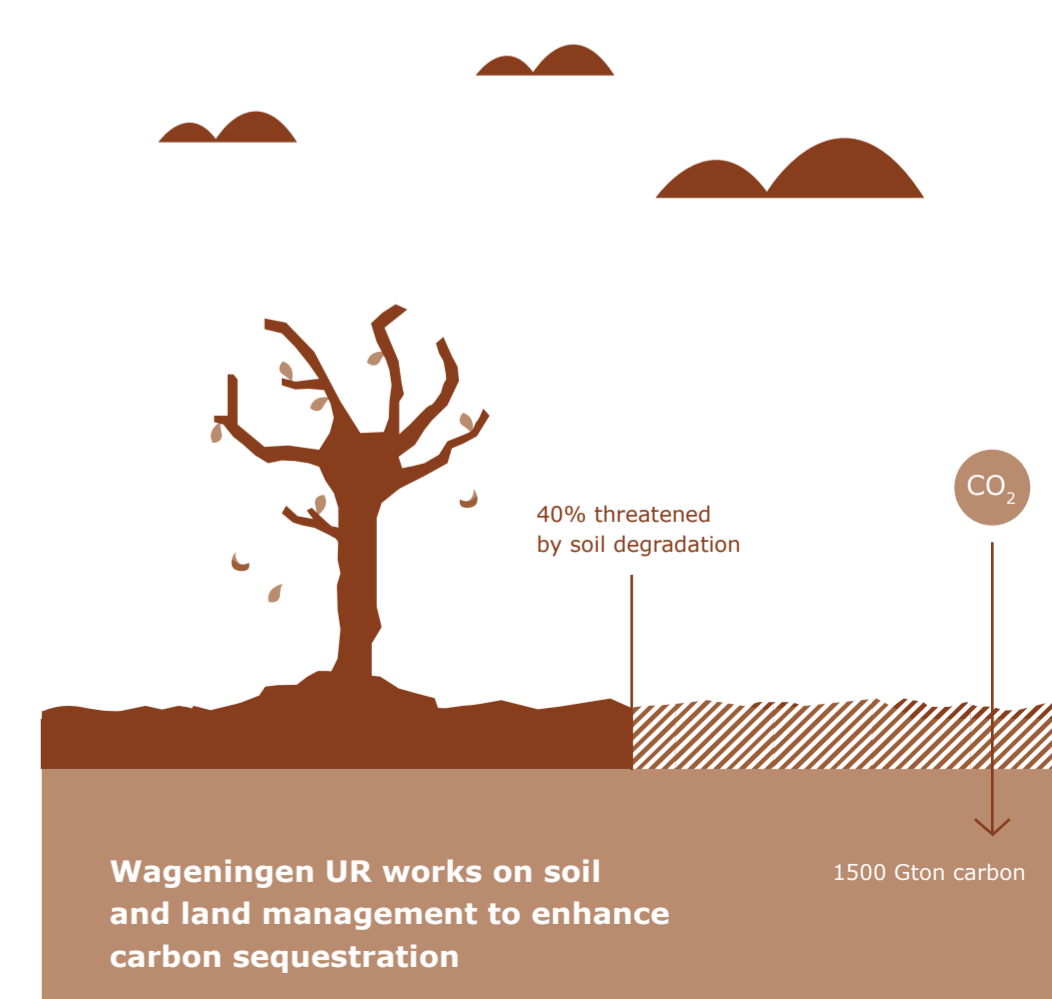
Forest (REDD+ programme)

Sustainable development goal 15.2: Promote the implementation of sustainable management of all types of forests



Soil (4‰ initiative)

Sustainable development goal 15: Protect, restore and promote sustainable use of terrestrial ecosystems



WAGENINGEN GUIDE TO PARIS

Planned activities of Wageningen UR in Paris

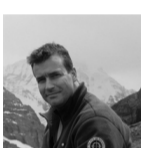


Breakthrough and innovation in the land-use sector for a climate smart future

Organised by Wageningen UR
Date/Time: December 1, 10:00-11:00 hrs
Location: Netherlands Climate Pavilion

The climate is changing. Wageningen UR studies the change, but also works on solutions, both in its causes and in mitigating the effects of climate change. Experts from Wageningen UR present some of the major lines of investigation and promising breakthroughs. Short pitches will present recent scientific findings and new ideas, enabling the audience to react and question them. Short pitches are foreseen on Climate Smart Agriculture (CSA), Reducing emissions from deforestation and forest degradation in Developing countries (REDD+), the role of soils as CO2 sink, resilient regions (facing climate change challenges on a local level)

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Climate policy targets: how can European Forest contribute?

Organised by European Forest Institute (EFI)
Date/Time: December 1, 2015: 14:00-19:00 hrs
Location: Room 6, Le Bourget

The conference 'Climate policy targets: How can European forests contribute?' organized by **European Forest Institute** will develop and advance knowledge and partnerships that focus on transitioning Europe and the world to a new low carbon and climate resilient energy, construction and transportation system. For that purpose, the conference will engage top scientists, policy makers and private sector in a dialogue how forest-based sector is an essential part of the solutions to climate policy targets. In short, the seminar emphasizes putting science into action – moving forward on policy and practice.

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Education landscape challenge

Organised by Landscapes for People, Food and Nature, Wageningen UR and others
Date/Time: December 1-6
Location: Global Landscapes Forum at Palais des Congrès, place de la Porte Maillot, Paris

How to create an education platform that equips specialists from different land use sectors with the right knowledge, skills and mindset to become landscape professional? In the Education Landscape Challenge 50 young people from around the world create a fictitious landscapes academy training young professionals to become landscape professionals of the 21st century.

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Forests, landscapes, climate & sustainable development - The evidence we need for the future we want

Organised by Centre for International Forestry Research (CIFOR)
Date/Time: December 3, 2015: 15:00-16:30 hrs
Location: Room 5

Land-based mitigation & adaptation: What are the research and evidence requirements that emerge from a joint post-2015 climate and

development agenda aiming at inclusive growth, food/energy security and resource efficiency? We build on lessons from a decade of action research on REDD+ and beyond.

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AMS Paris Food Securities

Organised with AMS Institute (WUR, TUD and MIT) in collaboration with Floriade 2022 Almere, EIVP Paris, Safege/SUEZ, Dutch Ambassade and Paris-Malaquais
Date/Time: December 3-7, 2015; 18:00-22:00 hrs
Location: Atelier Néerlandais, 121 Rue de Lille, Paris

During an intense five-day workshop with an international group of students and young professionals, we dare to speculate and paint a visionary picture of the future. We will hypothesize and visualize if Paris would change for the better or the worse if they embrace urban food production. We organise this case study in relation to the 2015 Paris Climate Conference. Our aim is to make a statement, to provoke, to surprise and to inspire. We want to provide food for thought and feed the debate on climate change and the future of urban life.

Lectures: *Arjan van Timmeren (Scientific director AMS institute), Christine Aubry (Agroparistech), SUEZ/ Safege and Jan Willem van der Schans (Wageningen UR)*

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Green finance academy

Organised by Wageninen UR, Netherlands Committee IUCN, Nyenrode Business University
Date/Time: Friday December 4, 19:00-20:30 hrs
Location: Netherlands Climate Pavilion

Finding funding for your environmental or development project is always a challenge. But as public funds are dwindling, opportunities from private capital are on the rise. Bank and companies are increasingly showing their interest in financing green bankable projects addressing climate change challenges. Moreover crowdfunding is emerging rapidly and the Green Climate Fund is starting to take shape. How can you tap into these new sources of investment?

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Tracking adaptation progress and enabling readiness

Organised by University of Maryland, Korea Green Foundation, Eikosphere Foundation, McGill University
Date/Time: Saturday December 5, 15:00–16:30 OR 04 (200pax)

This event will discuss methods and concepts for measuring adaptation progress across countries and enabling readiness for adaptation engagement. Many factors determine national adaptation progress and readiness for private action, and a discussion of indicators and approaches is required.

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Climate Justice: Coal and Human Rights in the South, Community Choice Energy, Global Carbon Pricing

Organised by CapGlobalCarbon
Date/Time: Saturday December 5
Location: Room 6

Affected communities are often forgotten in high-level talks on climate action. We highlight human rights impacts by the coal sector in the South, Community Choice Energy to speed a transition to renewables, and establish a Global Climate Trust to "CapGlobalCarbon" and return funds to people.

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Fueling a debate: Sustainable wood energy as restoration option?

Organised by Federal Ministry for Economic Cooperation and Development (BMZ), Gesellschaft für Internationale Zusammenarbeit (GIZ)
Date/Time: December 6, 16:30-18:00 hrs
Location: Global Landscapes Forum at Palais des Congrès, place de la Porte Maillot, Paris

Fuel wood is an important pillar within the energy mix in Sub-Sahara Africa and constitutes a huge potential for the economy at all scales. Its link to food and nutrition security is critical. 50% of forest degradation and 10-20% of forest destruction in the region is caused by wood energy exploitation contributing to land degradation and desertification. In the north of Madagascar, the German development cooperation (GIZ) developed a specific approach based on individual allocation of wood-energy afforestation plots to local households on degraded land. Sustainably produced wood energy addresses major sustainable development challenges. Objective of the session is to discuss the potential of afforestation and agroforestry for wood energy production to help landscape restoration efforts.

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Accountability After Paris

Organized by Wageningen UR, Public Administration and Policy Group, with Climate Strategies, One World Trust and International Environment Forum.
Date/Time: December 9, 2015: 14.00-15.30 hrs
Place: Netherlands Climate Pavilion

Who will hold states to account for living up to the climate change commitments they make in Paris and how? In this seminar researchers and experts from civil society will explore the challenges and opportunities of the different ways to do this and engage in discussions with the audience on this key aspect the effectiveness of the Paris Agreement.

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Innovation and agriculture under climate change - A debate with agri-food companies on the challenges for supply chain management and agriculture in the context of climate change

Organised by Climate KIC - Program Climate Smart Agriculture Booster
Date/Time: December 9, 2015: 15:00-16:50 hrs
Location: Grand Palais

Europe stands up to the challenge to produce more food and biomass for the bio-economy, to adapt its agricultural sector to the negative consequences of climate change, and to reduce greenhouse gas emissions from agriculture. Large agri-food companies influence food supply chains by their capacity to generate incentives and through their strategies for managing supply chains. In this debate representatives of four large agri-food companies based in France, Italy and The Netherlands will share their vision on the importance of climate smart agriculture for the supply chains of their companies. A panel with representatives from governments, industrial platforms, agro-producers and the scientific community will react on their statements, together with the audience.

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Principles for accountability for climate change agreements

Organised by International Environment Forum
Date/Time: December 11, 13:45-15:15 hrs
Location: Room 8, Climate Generations Area

Signing an agreement is only the first step in going from policy to action. Experience is now showing that agreements need to be accompanied by processes within a well established governance framework to hold parties accountable for implementing the commitments made and decisions taken. Accountability can take various forms, internal or external, by peers or the general public, with statistics or qualitative measures, with different levels of effectiveness. This workshop will explore the challenges of accountability in international governance in general and for the Paris outcomes in particular, and encourage all those present to consider the accountability mechanisms relevant to their own situations, including for governments, communities, the public, the media, and civil society organizations.

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Colophon



www.wageningenur.nl/climatechange

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