

История успеха проект по программе Горизонт-2020



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Директор Центра экономики окружающей среды
и природных ресурсов

НИУ Высшая школа экономики

Проект DDPP

о возможностях декарбонизации экономики
16 крупнейших стран мира



Canada



France



Germany



Indonesia



Mexico



Brazil



China



UK



India



Japan



Russia



South Africa



United States



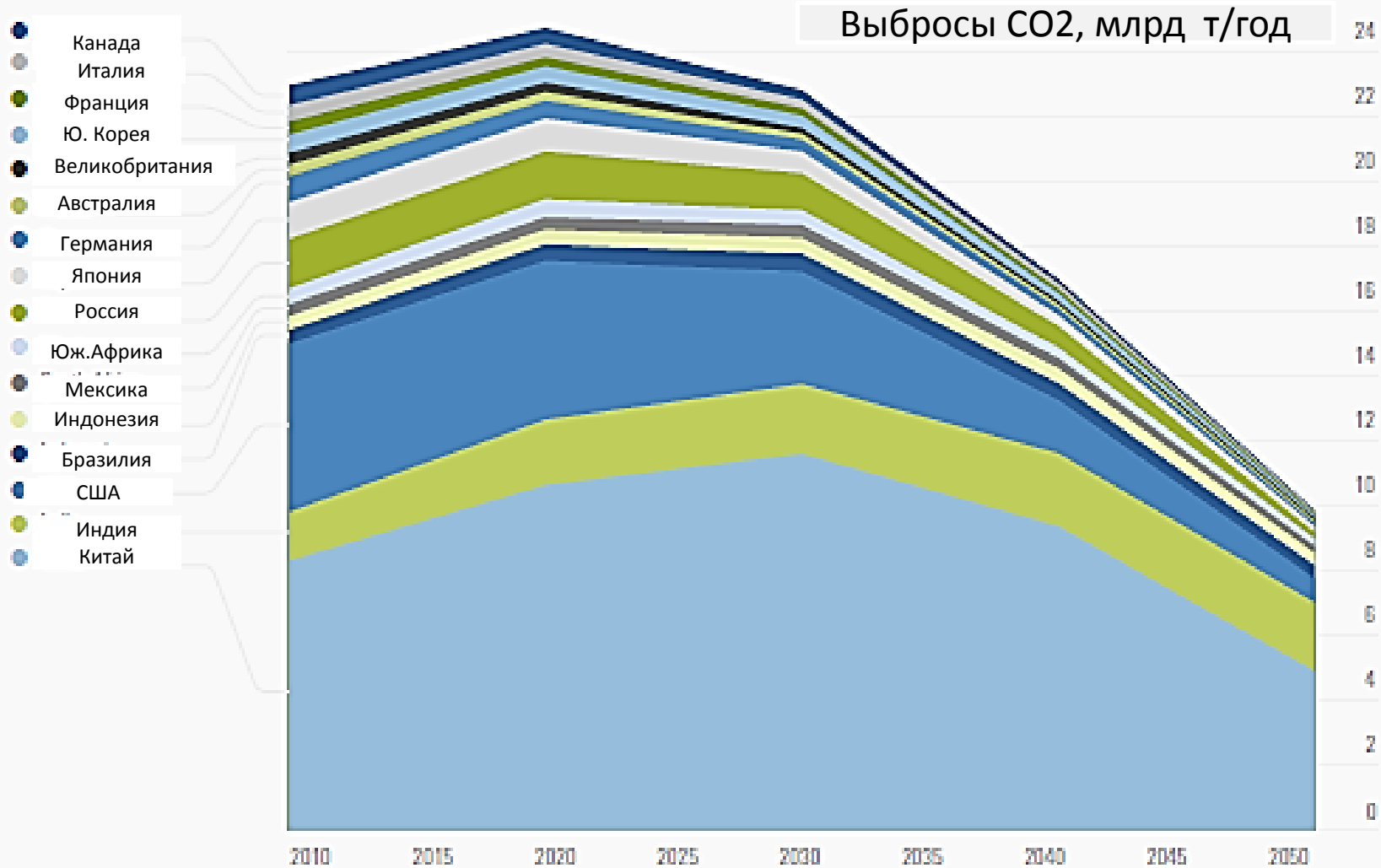
DDPP Partners



South Korea



Уникальное исследование - траектории декарбонизации экономики 16 стран (70% выбросов ПГ в мире)



Источник: Pathways to deep decarbonization (2015)

Сценарий глубокой декарбонизации в России

Выбросы CO₂ от энергетики (млн т/год)

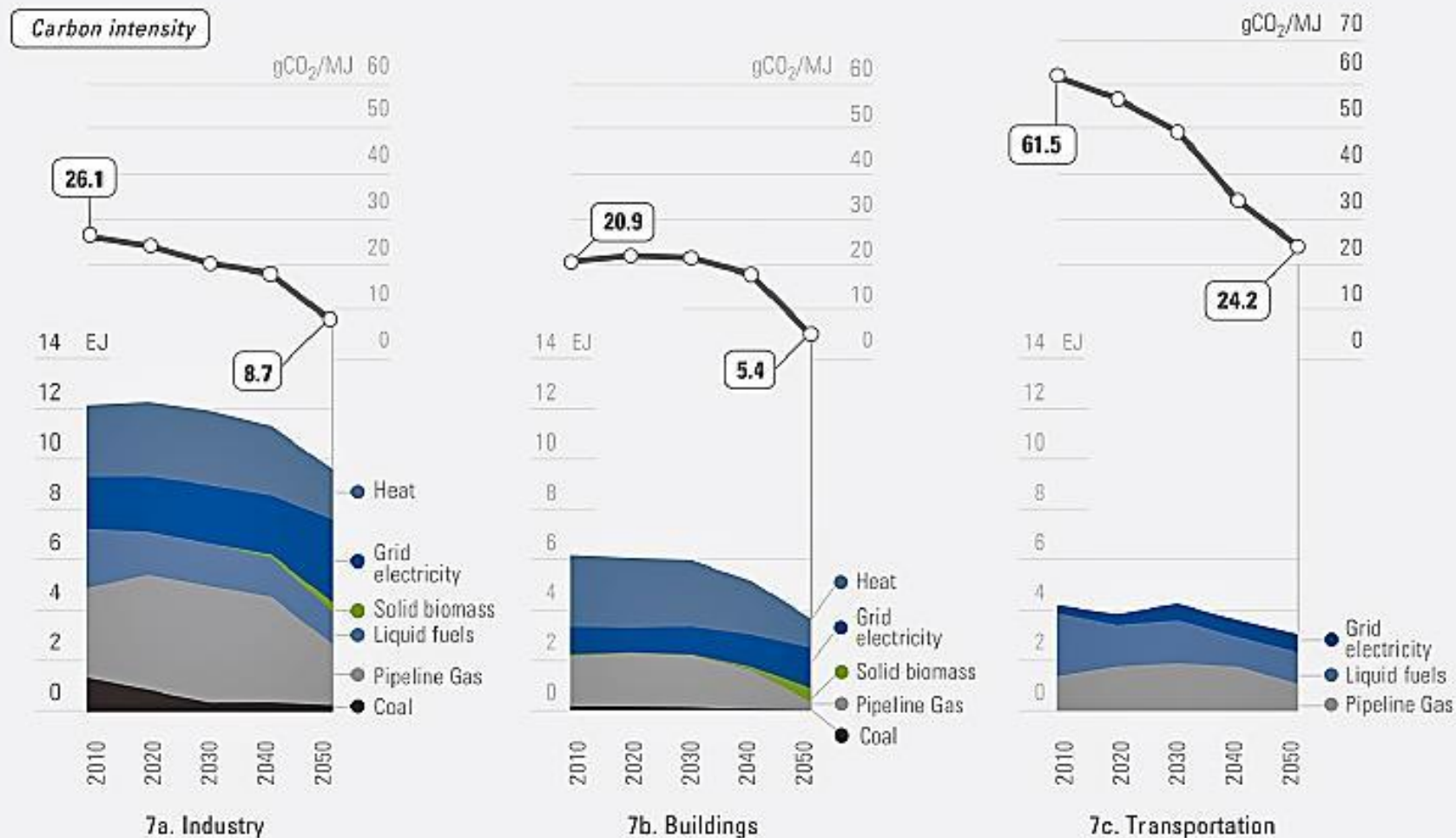


Потенциал для декарбонизации экономики есть, даже при росте ВВП на душу населения **в 3 раза** к 2050 г.

Декарбонизация в других секторах

промышленность, строения, транспорт

Figure 7. Energy Use Pathways for Each Sector, by Fuel, 2010 – 2050





Linking Climate and Development Policies - Leveraging International Networks and Knowledge Sharing

[HOME](#) [ABOUT](#) [PARTNERS](#) [MEETINGS/EVENTS](#) [MEDIA](#) [CONTACT](#)

NEWS



CD-LINKS KICK-OFF MEETING

[2015-10-01](#) |

28 September – 1 October 2015 International Institute for Applied Systems Analysis (IIASA) Laxenburg, Austria CD-LINKS project kick-off meeting hosted by IIASA in Laxenburg, Austria.



STAKEHOLDER AND EXPERT WORKSHOP: INTEGRATED CLIMATE AND DEVELOPMENT SOLUTIONS

[2015-09-30](#) |

30 September 2015 International Institute for Applied Systems Analysis (IIASA) Laxenburg, Austria On 30 September 2015 the CD-LINKS project organized a first stakeholder and expert

CD-LINKS WORK PACKAGES

- WP1: Empirical assessment of the effectiveness of past and existing policies
- WP2: Assessment of international country pledges, national action plans and development policies
- WP3: Coherent national and global low-carbon development pathways
- WP4: Climate change as part of the broader development agenda – Systematic assessment of synergies and trade-offs between multiple policy objectives
- WP5: Future policies and related implementation challenges and opportunities
- WP6: Capacity building, dissemination and stakeholder engagement

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Задачи
проекта

PARTNERS

- International Institute for Applied Systems Analysis (IIASA)
- Potsdam Institute for Climate Impact Research (PIK)
- Euro-Mediterranean Center on Climate Change (CMCC)
- Ministry of Infrastructure and the Environment (PBL)
- Institute of Communication and Computer Systems (ICCS)
- Wageningen University (WU)
- University of East Anglia (UEA)
- Institute for Sustainable Development and International Relations (IDDRI)
- Energy Planning Program, Universidade Federal do Rio de Janeiro (COPPE)
- National Development and Reform Commission Energy Research Institute (NDRC-ERI)
- Tsinghua University (TU)
- Indian Institute of Management (IIM)
- The Energy Resources Institute (TERI)
- National Research University – Higher School of Economics (HSE)
- National Institute for Environmental Studies (NIES)
- Research Institute of Innovative Technology for the Earth (RITE)
- Pacific Northwest National Laboratory (PNNL)
- KAIST (KAIST)

Участники проекта, 16 стран мира



TOWARDS A SUSTAINABLE FUTURE



Centre director Johan Rockström and others provide an introduction to the new initiative The World in 2050.

New research project

The World in 2050: Pathways towards a sustainable future

New initiative will help establish pathways to attain the UN Sustainable Development Goals

The International Institute for Applied Systems Analysis (IIASA), the Stockholm Resilience Center at Stockholm University, the Earth Institute at Columbia University, the Sustainable Development Solutions Network (SDSN), and the Alpbach-Laxenburg Group have launched a new initiative to develop integrated pathways for achieving sustainable development and attain the **Sustainable Development Goals**, to be agreed by member states of the United Nations in September 2015.

"The World in 2050" project brings together leading modelling teams to perform an integrated assessment that addresses the full spectrum of sustainable development challenges.

The project is jointly led by IIASA Director General & CEO Professor Dr Pavel Kabat; Stockholm Resilience Centre Director **Professor Johan Rockström**, and Professor Jeffrey Sachs, Director of Earth Institute at Columbia University.

The participating organizations will establish how the integrated set of goals can be met and compare these sustainable development pathways with a business-as-usual scenario.

A pivotal year

This new project was launched as the world gears up for three pivotal summits that will set an international framework for sustainable development: In July, the Financing for Development conference in Addis Ababa will adopt a global development financing framework. In September, the world's largest gathering of heads of states will convene in New York to adopt new Sustainable Development Goals to be achieved by 2030. And in December, world leaders intend to secure a new climate agreement at the UN climate change conference in Paris.

But after the agreements are made, many questions will remain about how to achieve the new goals. In particular, gaps remain in our understanding of how deep transformations—for example in health, education, agriculture and food security, energy, ecosystem management, population, urban development, and access to basic infrastructure – can be pursued at the required scale, pace, and integration.

The necessary investments need to be compared with the costs of inaction, and we must understand better how to identify trade-offs and exploit the synergies of

FOR MORE INFO, CONTACT

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About the partnering institutions

IIASA

IIASA is an international scientific institute that conducts research into the critical issues of global environmental, economic, technological, and social change that we face in the twenty-first century. Our findings provide valuable options to policy makers to shape the future of our changing world. IIASA is independent and funded by scientific institutions in Africa, the Americas, Asia, Oceania, and Europe.

www.iiasa.ac.at

Earth Institute, Columbia University

The Earth Institute's mission is to mobilize the sciences, education and public policy to achieve a sustainable Earth. Through interdisciplinary research among more than 500 scientists in diverse fields, the Institute is adding to the knowledge necessary for addressing the challenges of the 21st century and beyond. With over two dozen associated degree curricula and a vibrant fellowship programme, the Earth Institute is educating new leaders to become professionals and scholars in the growing field of sustainable development. We work alongside governments, businesses, nonprofit organizations and individuals to devise innovative strategies to protect the future of our planet.

www.earthinstitute.columbia.edu

Продолжение инициативы проект World 2050