Capacity building for new technologies

Jens Burgtorf, GIZ – LCS - RNet 11th Annual Meeting
The global community has set itself ambitious goals.
To achieve these ambitious goals, we are working together worldwide.
GIZ is a service provider in the field of international cooperation for sustainable development and international education work…

We support the German Government in achieving its objectives in the field of **international cooperation for sustainable development**.

We promote **international education work and human capacity development**.

As a **public-benefit federal enterprise** we uphold **German and European values**.

We are a company under **private law** and have a taxable business area **GIZ International Services** alongside our **public-benefit** business area.
For our clients and commissioning parties we are working with our partners on more than 1,500 ongoing projects in about 120 countries.
3 billion euros business volume

20,726 staff members worldwide

Including 14,196 (70%) national personnel

57.3% percentage of women in the workforce*

109.3 million euros total operating performance for GIZ International Services

375 million euros in income from German public sector clients

435 million euros in cofinancing

We operate in Germany and in around 120 countries worldwide

435 million euros in cofinancing
In our work we draw on a wealth of experience-based approaches and methods.

- Advisory services and project implementation
- International capacity development
- Networking, dialogue and mediation
- Management and logistics
Our **vision** is to create a **future worth living** around the world.
Sustainability is at the heart of our actions…

» Social responsibility
» Ecological balance
» Economic capability
...because we aim to achieve lasting **results**.
Figures that show results

- 3.8 million people have increased their income
- 6 million people have access to modern forms of energy
- More than 6 million displaced people reached
- Lower levels of greenhouse gases: Emissions have been reduced by 36 million tonnes of CO2 equivalents

Together with our commissioning parties and partners, we achieved these and other results around the world. Data collected for 2015-2017.
The areas we work in are extremely diverse

- Displacement and migration
- Environment and climate
- Rural development
- Sustainable infrastructure
- Social development
- Economic development and employment
- Security, reconstruction and peace
- Governance and democracy
This is what our **joint solutions** look like in practice …
Trainings in Germany: Renewable Energy & Efficiency Week

Berlin 7. – 11. October 2019
Capacity Building in Germany

The context

• Huge RE and EE potential in developing and emerging countries
• Lack of access to capital, staff, infrastructure and knowledge

What we have already achieved

25 countries participate in GIZ’s annual REEW in Berlin, 60 RE teachers p. a. participate in trainings

What we are doing with our partners

• Advising partner organizations, utilities, politicians and entrepreneurs and supporting them
• Networking with well-known companies, associations, start-ups and social enterprises
Energy access

The context

- Thousands of villages without access to modern energy
- Huge RE potential, mostly in solar power
- Lack of access to capital, staff, infrastructure, knowledge

What we have already achieved

19.2 million people with energy access in 25 countries by the multi donor programme Energising Development (EnDev)

What we are doing with our partners

- Train-the-trainer in Germany
- Advising local entrepreneurs and supporting them until their products are ready for market
- Training of local people on solar home systems, micro and mini grids etc.
Energy Efficiency Education in India

The context

• Despite huge investments lack of power
• Huge potential for energy efficiency in India
• Lack of basic knowledge

What we have already achieved

5 million students participate p. a.
478 companies implemented energy efficiency measures and save 30 million tons of CO2

What we are doing with our partners

• Country wide students painting competition Establishment of Energy Manager Programme and training for experts
• Trainings for Energy Manager
• Workshops with all industries
Cooperative vocational education in Mongolia

The context

- In Mongolia’s extractive sector another 40,000 skilled workers are needed
- Graduates of vocational schools frequently cannot find work because their training does not meet the needs of the working world
- There is a lack of upgrading programmes for job-seekers with no formal qualifications

What we are doing with our partners

- Modernising training
- Delivering needs-driven advisory and training measures
- Supplying supplementary equipment for the vocational school workshops

What we have already achieved

- More than 280 teachers from 12 vocational schools have received training
- More than 1,200 students benefit from the new training on offer
Opportunities for women in North Africa and the Middle East

The context

• The countries of North Africa and the Middle East have the world’s lowest rates of female participation in economic life
• Women without higher schooling are more likely to work, but mainly in poorly paid jobs with no social insurance

What we are doing with our partners

• Gender diversity management: encouraging women to enter and remain in working life
• Introducing flexible working hours and gender quotas, developing career prospects

What we have already achieved

So far cooperation agreements have been signed with 20 companies
Capacity building is essential to develop low carbon societies world wide
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