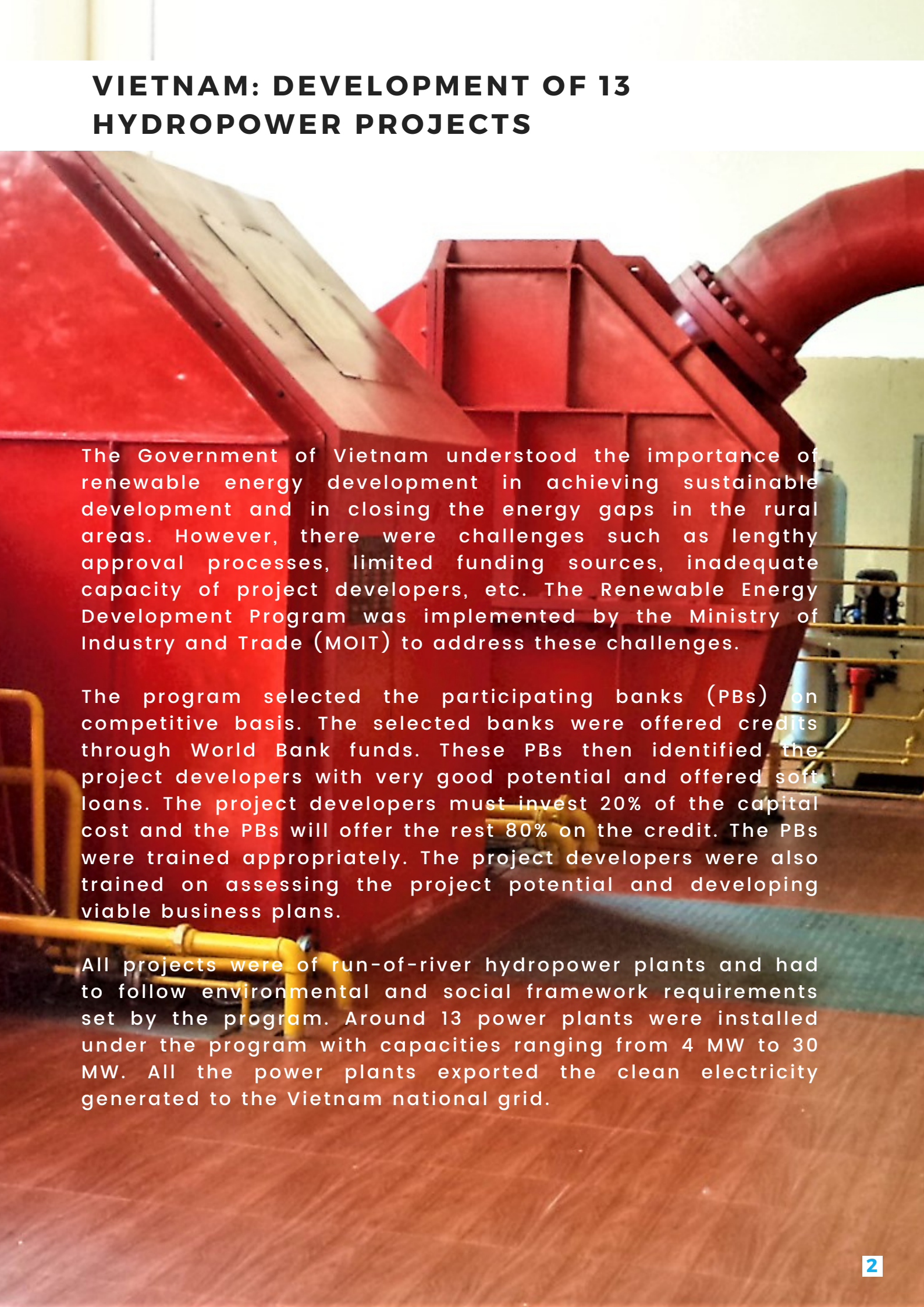




VIETNAM: DEVELOPMENT OF 13 HYDROPOWER PROJECTS

CASE STUDY/INSIGHT

VIETNAM: DEVELOPMENT OF 13 HYDROPOWER PROJECTS



The Government of Vietnam understood the importance of renewable energy development in achieving sustainable development and in closing the energy gaps in the rural areas. However, there were challenges such as lengthy approval processes, limited funding sources, inadequate capacity of project developers, etc. The Renewable Energy Development Program was implemented by the Ministry of Industry and Trade (MOIT) to address these challenges.

The program selected the participating banks (PBs) on competitive basis. The selected banks were offered credits through World Bank funds. These PBs then identified the project developers with very good potential and offered soft loans. The project developers must invest 20% of the capital cost and the PBs will offer the rest 80% on the credit. The PBs were trained appropriately. The project developers were also trained on assessing the project potential and developing viable business plans.

All projects were of run-of-river hydropower plants and had to follow environmental and social framework requirements set by the program. Around 13 power plants were installed under the program with capacities ranging from 4 MW to 30 MW. All the power plants exported the clean electricity generated to the Vietnam national grid.

VIETNAM: DEVELOPMENT OF 13 HYDROPOWER PROJECTS

Training and capacity building were provided to the project developers on monitoring and reporting the power plant performances on the regular basis to the MOIT. An operation manual was also prepared and shared with the project developers. The program increased awareness of RE resource utilization in Vietnam with environmentally safe approach.

This is a climate change project designed to reduce global carbon footprint. The RE projects reduced significant amount of carbon emissions every year. The program contributed to the achievement of SDG targets and NDC commitment of the Government of Vietnam.

