STUCK IN THE PASSING THE PASSI

he European Investment Bank (EIB) is now deciding its future energy policy, steering a sector that receives roughly 20 percent of the EUR 60 to 70 billion that the bank lends every year. This publication describes 15 EIB energy projects in Europe with both positive and negative impacts on the economy and the environment.

These are just some examples of the types of projects in the EIB's energy portfolio and highlight what sorts of energy investments the bank both promotes and permits within its current policy. While the bank is making strides with clear energy finance, the progress the bank has made is undermined by its financing for fossil fuels.

EIB investments in coal power generation, profitable gas extraction, transmission and storage have reached EUR 19 billion since 2007 when its energy policy was put in place. Not only does fossil fuel financing dwarf the EUR 5 billion for energy efficiency measures, these projects have a high carbon 'lock-in effect' and dubious economic benefits, as evidenced by the Sostanj lignite plant in Slovenia.

Such environmentally damaging projects are also taking their toll on people's health, with the health costs of coal-fired power stations in Europe adding a financial burden of EUR 42.8 billion every year.



FACING THE FUTURE?

he positive examples here show that the EIB is most successful in meeting European goals like creating jobs, increasing resource efficiency and competitiveness and reducing emissions and energy consumption when it finances targeted renewables and energy efficiency projects, like those in Bucharest or Brandenburg. Here the EIB is supporting the development of innovative and less-mature technologies that will ultimately lead to a cleaner environment.

It is the responsibility of the EIB to focus future investments on projects and programmes that can deliver 'win-win' solutions for the EU in terms of economic, social and environmental benefits. From this perspective, any replacement in energy generation after 2013 for coal and 2014 for gas should be turned down by the EIB on the basis of climate science and economic assessment of external costs of fossil fuel projects.

Reviewing the EIB's energy portfolio did prove especially difficult given the limited information provided by the bank about its projects and their expected results and impacts, especially with regards to EU objectives and targets on climate change. Without such information, it is impossible to wholly assess the quality of EIB-financed projects and its project appraisal system. Further field and desk research was thus conducted to assess the selected projects.



Bucharest. Sector 1 includes 525 multi-story residences with 25000 apartments, and sector 2 includes 245 buildings of about 15000 apartments. The energy efficiency improvements will focus on the building

multi-family buildings, thus reducing energy consumption as the use of air conditioning decreases. The rehabilitation works will also create more jobs, while placing less pressure to rely on heat and power

From 2011-2014, extensive energy efficiency measures will reduce the housing stock's energy consumption and improve the living conditions for residents by modernising the house's internal

programme, designed to partly finance small and medium-scale solar power and energy efficiency

municipal buildings, and to improve the energy efficiency of public buildings and street and traffic lighting.

By increasing energy efficiency, the project will reduce energy consumption and CO2 emissions, while at

The Polish National Fund for Environmental Protection and Water Management (NFOSIGW) received a power plants, biogas plants producing heat and electricity and the energy efficient-refurbishment of public

while improving energy efficiency through the refurbishment of public buildings in Poland. This has contributed to the implementation of greening plans developed by NFOSIGW in conjunction with th

energy as burning one million tonnes of coal, which would emit in the process 2.7 million tonnes of CO2,