



Workpackage 1 Completion Report Typology and Characterisation of Funding Instruments FUNDETEC 7 June 2007

Background

The goal of the workpackage is to develop a comprehensive map of current and emerging commercial funding instruments available for environmental technology development and deployment by technology development stage, type of instrument, estimated amount of funding available in the EU, main actors in the EU; and constraints or modus operandi associated with each type of funding. The mapping data is contained in an internet-enabled database to facilitate future workpackages.

Database Development

The database was developed in an easily accessible internet-based client, allowing all consortium members access to the records, regardless of computer hardware or operating system, without having to install special software. This was a significant deviation from the original plan, which was to house the database using the DayLite software client for MAC to utilize existing data from the Brooklyn Bridge database. However, due to software and hardware compatibility and data quality issues, we decided to develop a new database using an open-source client system. As a result, the database went online on 15 April 2007, three weeks later than originally planned, however this has had minimal impact on the progress for other workpackages, as evidenced by the minimal consortium usage since inception, and has provided a vast improvement in terms of accessibility and data reliability.

Mapping

The attached chart, *FUNDETEC Mapping Data Summary*, outlines the overall results of the initial mapping exercise. There are a number of highlights:

- At the completion of the initial mapping work, there were 2336 total contacts, at just over 1700 financial institutions, technology developers, and public organisations.
- There was a large response in terms of environmental or clean technology financing from this initial exercise.
- We had a wide spread in terms of asset classes and environmental technology sectors – many respondents overlapped across categories, which is why the keyword count of 4,321 and record the record count of 2,236 diverge.
- The contacts labelled 'tech finance' consist of 165 contacts that we are commencing with additional performance research. We will add contacts to this group once certain regional gaps have been addressed in workpackages 2 and 3.

Other Issues

There have been some setbacks in this initial mapping exercise that we hope to address as we move forward to fill in some of the missing pieces:

- There was an abundance of listings available for West Europe and North America, in particular, the United Kingdom, Netherlands, Switzerland and France. There was a significant under-representation of Eastern European and Mediterranean countries, as well as a significant lack of replies from Germany. Further tuning of the database records, as well as extra effort applied to filling in these gaps will take place as we work through subsequent workpackages.

- Language and networks may have played a large role in the lack of response from some countries, as many possible research subjects in these areas do not provide English or French language materials. This will also be addressed in subsequent work packages.
- The initial mapping of technology developers was disappointing, with less than 100 identified technology developers and many overlap with financing. TBLI CG and SDRC are working on enhancing this moving forward in subsequent workpackages.

We will also be working to identify, as we progress on subsequent workpackages, if some of the data collection problems that we encountered were strictly a matter of data collection methods or if there is are other reasons material to the issue of financing environmental technologies that explain some of these gaps.

Next Steps, Recommendations and Areas of Further Inquiry

Although the mapping exercise presents an extensive universe of research samples for the purposes of the FUNDDETEC project, it only presents a fairly surface snapshot of all of the activity with regards to environmental technology and financing. In order to provide greater depth and more current figures, an on-going network would need to be established and maintained.

Moreover, in subsequent workpackages, mainly 2,3,4, and 5 will present much more detailed information from different categories of environmental finance participants.