

The **CITEPH Program** initiated by the **Oil and Gas industry in 2007** aims at **financing research and innovative projects** in Exploration and Production (E&P).

The **sponsoring companies** (groups) operating in the oil and gas business (E&P services) allocate altogether nearly **10 millions € per year** to R&D collaborative projects. Those projects are to be initiated and must be led by a French company preferably a PME (SME) with the collaboration of research centres, universities and industrial specialists of this sector not only in France but also worldwide if relevant

The **CITEPH team**, within the **GEP organisation**, Groupement des Entreprises Parapétrolières et Paragazières, manages the whole process from collecting the proposals according to the research priorities and expectations of the sponsoring companies to evaluating the projects with experts working groups.

The process is running from the call for projects initiated during the first quarter of the year, then preliminary projects are submitted to the sponsors during the second phase of the process; the next step is the elaboration of a detailed proposal giving a work program with budget and planning for each partner, Then all proposals are reviewed by sponsors experts during working group dedicated sessions. The process is completed as soon as the funding decisions meeting organized with all sponsors gives the final funding scheme.

The main technical areas covered in the E&P sector are :

- Accessibility to new explored offshore zones and deeply buried reservoirs with extreme conditions HP HT, EOR Enhanced Oil recovery and heavy oil production ;
- Cost reduction in process technology production, separation, flow assurance instrumentation ;
- Safety and Security of existing or new equipment, environment HSE ;
- New materials lightened, insulating, reliable and new products efficient to increase the hydrocarbon reserves exploitation ;
- Advanced technologies: simulation, visualisation, robots and remote controlled operations, communication.

The impact of the innovations, which are targeted within the proposals, upon the business and or environment is considered as an important criterion.

Funding rules

Financing may cover **50% of the total budgeted expenses** on a period of 1 to 3 years according to the project's duration and **is not reimbursable**.

The decision of whether or not financing projects lies in each sponsor decision making process, each sponsor being free to turn down any proposal submitted to its support. Several sponsors may jointly fund a project.

A direct agreement is finalized between project holder and sponsor for future commercialisation.

Main advantages of the CITEPH Program for both sponsors and project holder:

- Shared understanding and analysis of the innovations requested in the E&P industry,
- Technical developments with direct testing applications,
- Expert teams working together for innovative improvements,
- Commercial development initiated, facilitated and rapidly experienced and implemented by the industrials,
- Increased communication between the actors of the profession and progress opportunities.

First achievements

1st call for projects already completed: 32 out of 65 proposals were selected in 2007 for funding by sponsors (9 M€ allocated).

2nd call for projects still in progress: 59 proposals received for assessment by sponsors.

Sponsors



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