

# Programme Inter Carnot & Fraunhofer PICF

**Call for proposal 2009**

**Jointly published and carried out by the Agence Nationale de la  
Recherche and the Bundesministerium für Bildung und Forschung**

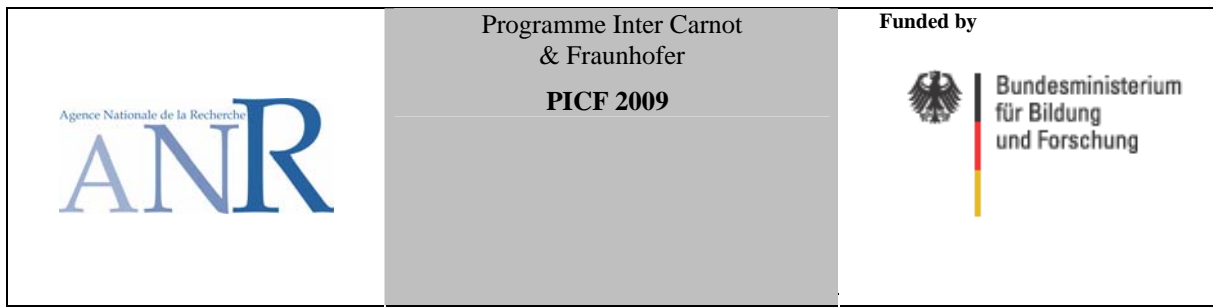
**Issue of Call**

**12<sup>th</sup> November 2008**

**Deadline for electronic submission of proposals**

**30 January 2009 at 24:00**

**Key words :** Civil security, Environment, Energy, Health, ICT, Transport



## Important information

1-Dead line for **online** project submission (submission form B, French financial form):

**30 January 2009, 24:00:00** (Paris local time) at the following address:

[PICF2009@agencerecherche.fr](mailto:PICF2009@agencerecherche.fr)

Consortia submit one common project proposal, with one partner from each country acting as national coordinator **and one of them as a principal coordinator.**

2-Dead line for **mail** receipt of tenders file (submission and financial forms in hard copies identical to those submitted in electronic form), **2 copies signed by all the partners (legal representatives and the director of the Carnot institutes)**, by registered letter with recorded delivery:

**10 February 2009, before 24h00 (Paris local time), postmark being the proof at the following address:**

**ANR-Programme PICF – Sylvie Niessen**

**212 rue de Bercy**

**75012 Paris, France**

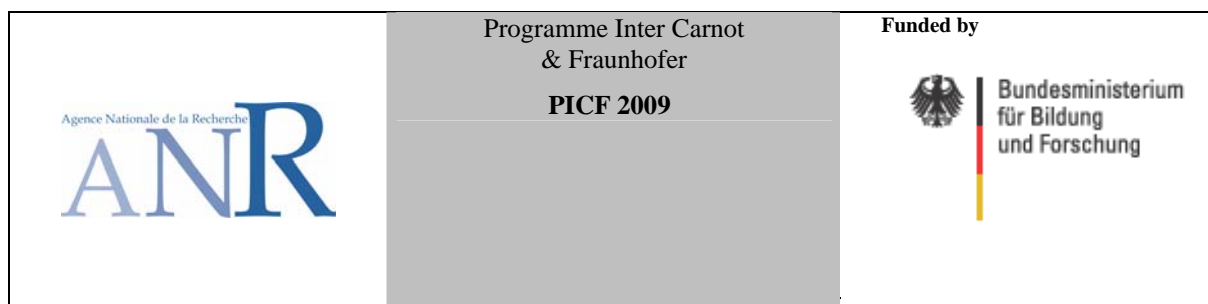
### Contacts:

For France :	Sylvie Niessen:	sylvie.niessen@agencerecherche.fr
For Germany :	Volker Tippmann:	volker.tippmann@zv.fraunhofer.de

### Applicants should :

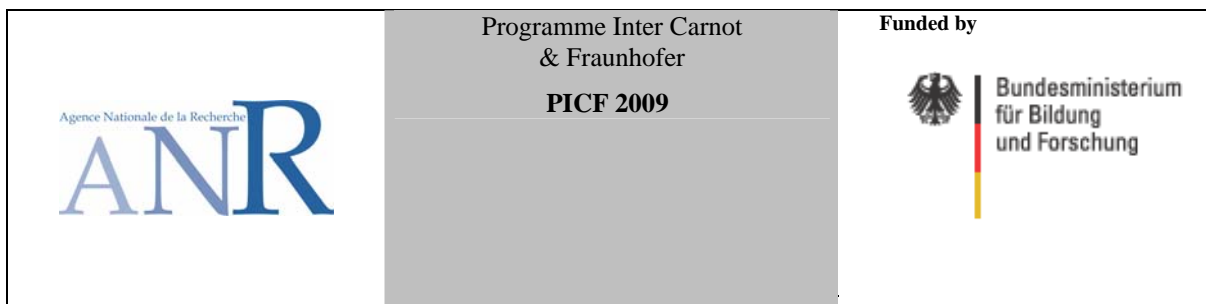
Read very carefully the call for proposal documents and the rules of ANR and BMBF for grants attribution.

Not wait just before the dead line to perform their electronic submission.



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## 1. Objectives of the call

France and Germany share a common vision and instruments for the development of technological research. Carnot institutes (IC) and Fraunhofer institutes (FhI), as research and technology institutes, are specialized knowledge organizations dedicated to the development and transfer of science and technology to the benefit of the economy and society.

The aims of this call is to establish German-French collaborative research and innovation projects between FhI and IC with the goals to:

- Enhance leadership on national and international industrial markets
- Prepare the transfer of technology and knowledge to industry
- Promote networking between excellent research organizations
- Construct sustainable strategic alliances

## 2. Topics of the call for proposals

Following the French-German Forum for Research 2008, the ANR and the BMBF agreed, in a Memorandum of Understanding, on a 3 years programme for joint funding of German-French collaborative research and innovation projects between the FhI and the IC. The first call for proposals is opening in November 2008 on the following thematic fields:

- Civil security
- Energy
- Environment
- Health
- Information and Communication Technologies (ICT)
- Transport

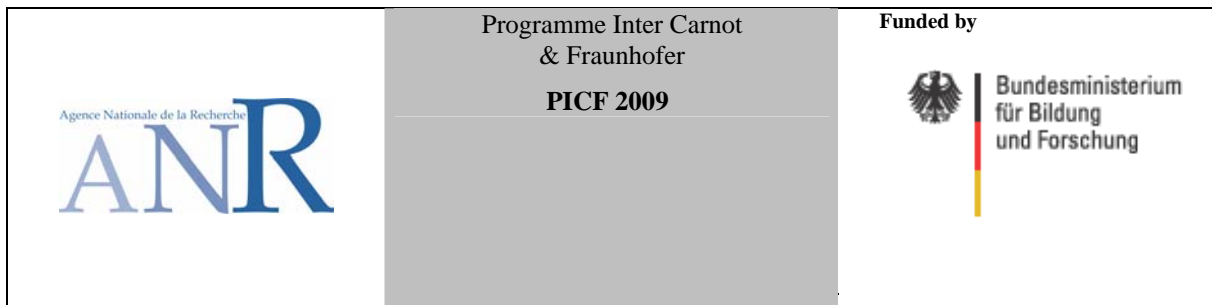
## 3. Eligibility and evaluation requirements

All details related to eligibility and evaluation are developed hereafter, the selection procedure is described in annex 1.

### 3.1 Eligibility criteria

In order to be eligible, the project must fit to the following conditions:

- The project must be submitted before the dead line for submission under electronic form; documents A (French financial forms) and B (common submission form), with all the mandatory categories filled correctly.
- The hard copies must be signed by an authorized representative. The hard copy paper format (2 copies) must be submitted within the deadlines in the required format and be



complete; the content of the electronic and paper version of tender documents must be identical.

- The project must fit within the topics identified in the call: Civil security, Energy, Environment, Health, ICT, Transport.
- The project must involve at least 2 partners : 1 Fraunhofer and 1 Carnot institute
- The coordinators of the project cannot be member of the evaluation committee of the programme

#### **IMPORTANT**

- The projects that do not satisfy the eligibility criteria will not be submitted to outside experts for opinion and cannot, under any circumstances, receive financing from the ANR or BMBF in the frame of PICF programme.
- Projects submitted after the indicated deadlines will be declared non eligible.

### **3.2 Evaluation criteria**

Projects will be examined regarding the following criteria:

#### ***Relevance of the proposal with respect to the call's orientations:***

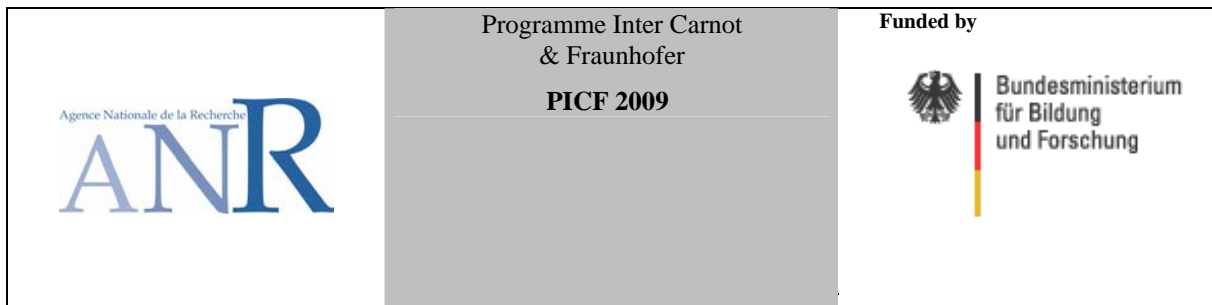
- Appropriateness for the thematic lines of the call for proposals (see § 2),
- Appropriateness of the subject for the type of research project ,
- Credibility of the partnership with respect to the nature of the project and choice of coordinator.

#### ***Overall impact of the project:***

- Use of the project results for Carnot-Fraunhofer cooperations and industry, impact of the project in terms of know-how acquisition, role in strengthening the French and/or German position on a market,
- Dissemination and exploitation plan: industrial or technological application prospects, economic and commercial potential, integration in the industrial activity credibility of the announced valorisation, standardization,
- Complementarity with other existing projects.

#### ***Scientific and technical excellence:***

- Scientific excellence in terms of knowledge with respect to the state of the art,
- Innovation in terms of technological innovation or perspectives of technological innovation in comparison with existing processes, products or services,
- The projects shall refer to industrial research or pre-competitive development leading to a conception/realisation of products, processes or new services,
- The project shall indicate clearly the technological locks to be overcome.



***Contribution to the IC-FhI networking:***

- Contribution to the enhancement of IC and FhI networking,
- Enhancement of the multidisciplinary offer by this cooperation,
- Construction of thematic alliances between partners (alliance's strategy especially towards potential markets and industrial partners, road map for future activities that build on project results).

***Methodology, quality of the project organisation and coordination:***

- Positioning with respect to the state of the art or technological innovation,
- Scientific and feasibility of the project, choice of the methods, structuring of the project, rigour in defining of the final results (deliverables), identification of milestones,
- Dissemination and valorisation strategy, intellectual property, results of the project.

***Quality of the consortium:***

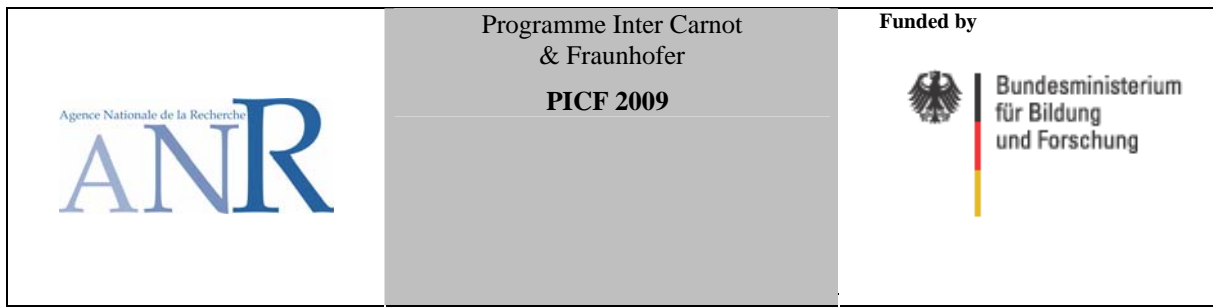
- Level of scientific excellence or expertise of the teams,
- Appropriateness of the partnership for the scientific and technical objectives,
- Complementarity of the partnership,
- Balanced partnership between French and German teams (in terms of work load and budgets).

***Adequacy project– means / Feasibility of the project:***

- Schedule: is the schedule realistic?
- Justification of the costs: coordination costs, non-permanent staff, missions, subcontracting.

**3.3 Recommendations**

- The project should be balanced in tasks and budget between French and German partners.
- The emphasis of the project should be on industrial research (IR) or pre-competitive development (PCD).
- Average timescale: up to 3 years.



#### 4. Funding schemes

The funding scheme addresses only IC for the French part and FhI for the German one.

The participation of partners belonging to other organization is nevertheless possible to the extent that these partners provide their own financing in the project.

Subcontracting is possible according to respective rules of BMBF and ANR.

The funding allocated by the ANR to the Carnot institutes will be provided in the form of a grant in accordance with ANR financial rules that are available on the ANR website.

The assistance of ANR can not only finance operating budgets, equipment and missions, but also allow recruitment in the form of determined length contracts (Researcher, PhD, postdoctoral positions) that should not exceed 72 months per project and shall be properly motivated.

The ANR will not fund, under this call for projects, several projects that would have the same principal coordinator.

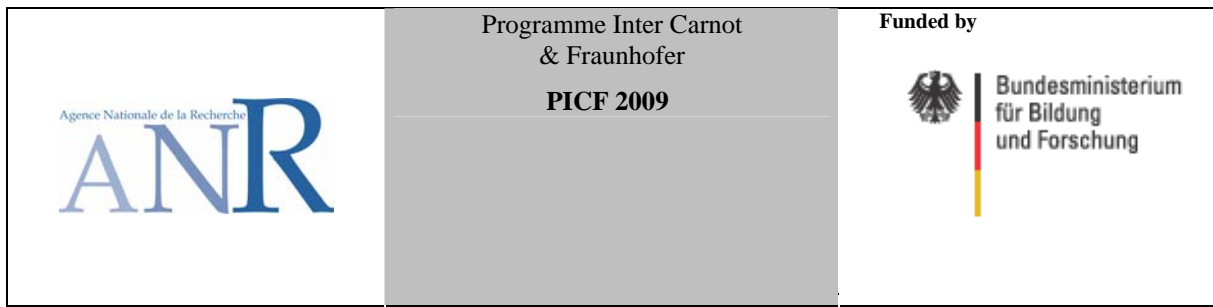
**Important:** The grants requested at ANR cannot be under 15.000 € per partner.

The funding of the FhI projects will be provided in the form of a grant in accordance to the BMBF financial rules that are available on the DLR website (<http://www.kp.dlr.de/profi/easy/formular.html>)

The FhG is authorized by the Federal Ministry of Education and Research (BMBF) to administrate the program in accordance to the BMBF financial rules.

#### 5. Submission of proposals

The consortium IC/ FhI must submit their project using the common form “B” available on the PICF2009 call website. The scientific and technical description of the project must be written in English.



The submission forms (.doc or .xls) will be available on line on the PICF2009 call website on the call opening.

**The project must be submitted by the principal coordinator.**

**Dead line for electronic submission: 30 January 2009 at 24h00 (Paris local time)**

[PICF2009@agencerecherche.fr](mailto:PICF2009@agencerecherche.fr)

And by **mail, in 2 copies signed by all the partners (legal representatives and the director of the Carnot institutes)** before 10 February 2009 at 24h00

Agence Nationale de la Recherche  
Programme PICF  
212 Rue de Bercy  
75012 PARIS

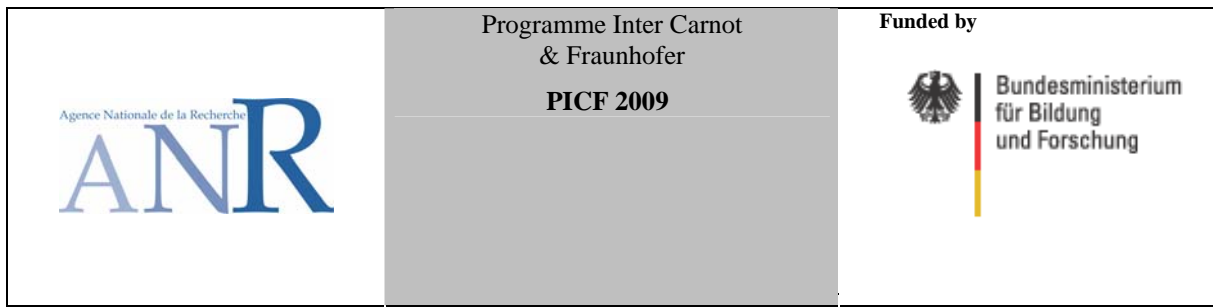
A receipt in electronic form will be sent to the principal coordinator.

For any information concerning the call for proposals:

[sylvie.niessen@agencerecherche.fr](mailto:sylvie.niessen@agencerecherche.fr)

[volker.tippmann@zv.fraunhofer.de](mailto:volker.tippmann@zv.fraunhofer.de)





## Annex 1

### Selection procedure

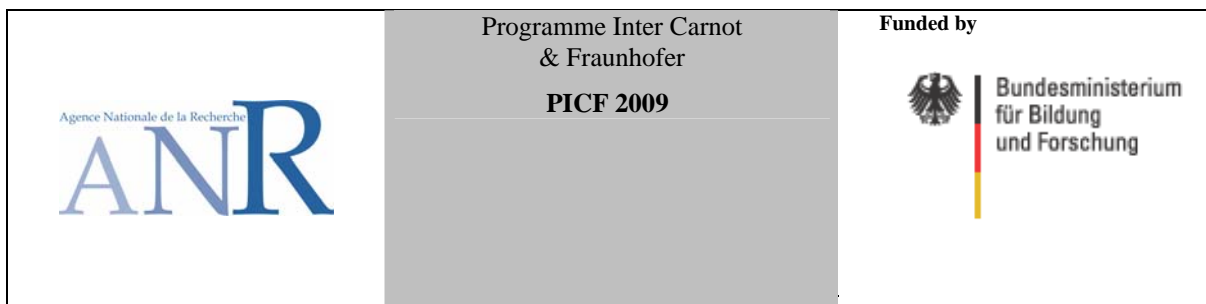
The respective roles of all actors in the selection procedure are:

- The external experts will provide a written evaluation. At least 2 experts should be appointed per proposal.
- The evaluation committee will rank the proposals in three categories: A (recommended), B (acceptable), C (rejected) taking into account the expertises.
- The steering committee, constituted by qualified personalities and institutional representatives, is in charge of the final listing of the proposals with a principal and a reserved list.

Principal steps of the selection procedure:

- Receipt of the proposals before the dead line date and time established in the call.
- Checking of eligibility by the evaluation committee and designation of external experts.
- Evaluation of the proposals by the evaluation committee after reception of the experts' evaluation.
- The steering committee will propose the final financing decision and provide a principal and a reserve list.
- Final BMBF/ANR publication of results.
- Negotiation and contract implementation by ANR and FhG as authorized party.
- Notification of grants and beginning of project.

The conditions of the charter of ethics must be respected by the people involved in the selection of projects, including conditions relating to confidentiality and conflict of interest. The ANR's chart of ethics is available on the ANR website.



## Annex 2

### Glossary

#### 2.1 – Types of research

- **“Fundamental research”** shall mean an activity designed to broaden scientific and technical knowledge not linked to industrial or commercial objectives (JOCE 28/02/2004 L 63/23).
- **“Industrial research”** shall mean planned research or critical investigation aimed at the acquisition of new knowledge, the objective being that such knowledge may be useful in developing new products, processes or services or in bringing about a significant improvement in existing products, processes or services (JOCE 28/02/2004 L 63/23).
- **“Pre-competitive development”** shall mean the shaping of the results of industrial research into a plan, arrangement or design for new, altered or improved products, processes or services, whether they are intended to be sold or used, including the creation of an initial prototype which could not be used commercially. This may also include the conceptual formulation and design of other products, processes or services and initial demonstration projects or pilot projects, provided that such projects cannot be converted or used for industrial applications or commercial exploitation. It does not include the routine or periodic changes made to products, production lines, manufacturing processes, existing services and other operations in progress, even if such changes may represent improvements (JOCE 28/02/2004 L 63/23).

#### 2.2 – Project organisation

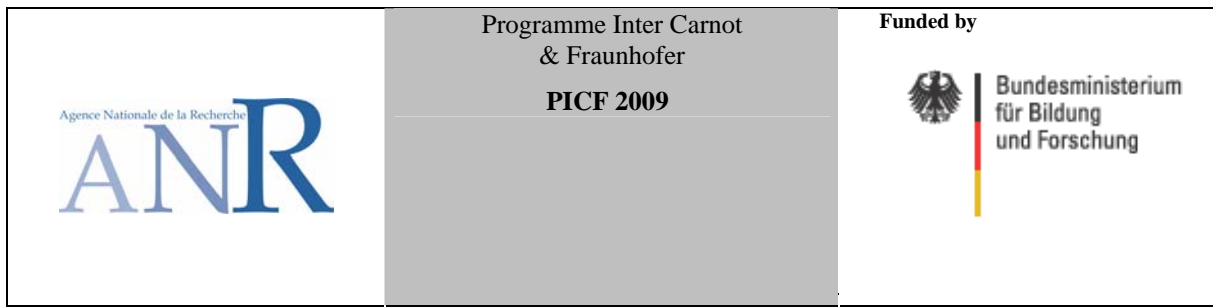
For each project a coordinator will be designated for the French and the German part, and one of them will be the principal coordinator. Each partner should designate a scientific and technological responsible.

**Coordinating partner:** the parent research organization or company of the coordinator.

**Principal coordinator:** the person responsible of the scientific, technical and financial coordination of the project, establishing and formalizing the collaboration between the partners, the production of project deliverables, the meetings progress and the communication of the results.

**National coordinator:** the person responsible of the scientific, technical and financial coordination of the project at national level.

**Partner:** research unit or enterprise.



**Scientific and technological responsible:** he will be the principal contact with the principal and national coordinators and will be in charge of the partner's work packages deliverables.