News

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ACACIAS, a project developed by the *IFPEN Transports Energie Carnot Institute,* has been selected as part of a call for research proposals by ADEME aimed at improving air quality. Combining data taken from household surveys and data collected by the Geco air application, ACACIAS will give decision-makers a detailed understanding of personal mobility choices and thus make it possible to identify the most environmentally-friendly public policies.

IFPEN, CEREMA and ATMO Auvergne-Rhône-Alpes win a Primequal award
On Monday 6 July, the French environmental and energy management agency (ADEME) announced the nine winning projects of the 2019 call for research proposals from Primequal ("Air quality, climate change, energy program") aimed at improving air quality.
One of the winners was the ACACIAS project (Analyse Croisée Air, Climat, énergie et ImpActs Socio-économiques [Air, climate, energy and socio-economic impact analysis]), which brings together IFPEN and CEREMA, major public players in the field of research and the study of mobility and urban planning, and the certified observatory for monitoring air quality in the Auvergne-Rhône-Alpes region, ATMO-AuRA.

Identifying the most environmentally-friendly public policies
ACACIAS aims to develop new methodologies – to be initially applied in the Lyon Metropolitan area –

that will enable cities to identify and promote the most environmentally-friendly public policies in terms of mobility. The emissions of local pollutants and greenhouse gases (GHG) linked to these policies will be taken into account to assess their effects on climate change and air quality.

The project also aims to identify potential knock-on effects, i.e. situations where the environmental gains of a more efficient energy technology are cancelled out by the massive increase in its use.

The support of the Geco air database
The ACACIAS project uses an original approach that combines household mobility surveys with behavioural data collected by IFPEN's Geco air application. The high precision and resolution provided by GPS data from the application will complement the statistical representativeness of the surveys, which is essential when studying large areas. This combination of data will make it possible to assess the impacts of the measures taken both locally and globally.

ACACIAS, an IFPEN project wins a call for proposals from ADEME
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