



2018-IPR-C-000-010566

**Supporting Air Quality policies with
integrated modelling tools**

Position for:

Trainee

As the science and knowledge service of the Commission, the mission of Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <http://www.jrc.ec.europa.eu>

Short description of activity:

The "Air and Climate Unit" (C05) of the Directorate for Energy, Transport and Climate offers a Trainee position for a graduate or MS to be involved in research activities of the Unit, giving support to the Air Quality Modelling group. The Unit performs scientific research on the links between air pollution and climate change to inform policy makers about potential synergies and trade-offs. In this context, the Unit develops integrated assessment tools to support air quality policy.

The objective of this study is to assess the impact of control strategies on air quality (e.g. assess the role of NH₃ emissions from transport on air quality). Based on specific emission inventories, simulations will be performed with an air quality model to assess the impacts of emission changes and feed integrated assessment tools.

The trainee will learn to use the EMEP air quality model and contribute to:

- Assess the impacts of control strategies on air quality
- develop updated integrated assessment tools

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| | <p><u>Qualifications:</u></p> <p>This traineeship is suited for students with a university degree in environmental sciences or engineering, who are interested in policy within the environmental field, in particular atmosphere.</p> <p><u>Essential:</u></p> <ul style="list-style-type: none"> - University degree in environmental sciences and engineering - Knowledge and practice of modelling tools - Good knowledge of English (minimum level B2) <p><u>Advantage:</u></p> <ul style="list-style-type: none"> - Knowledge on air pollution <p><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p> |
| Unit /Directorate | Directorate for Energy, Transport and Climate C05 – Air & Climate |
| Indicative duration | 5 months |
| JRC Site | Ispra |
| Country | Italy |
| <u>JRC contact details</u> | <p>For any technical problems with your application, please contact:</p> <p>HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p> |