### 2017-IPR-A5-FGIV-9112

# FG IV – Scientific Project Officer Exploratory Research: Sustainable use of Materials through Automotive Remanufacturing to boost resource efficiency in the road Transport system (SMART)

As the science and knowledge service of the Commission, the mission of DG 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: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a>

The Exploratory Research Programme (ER) is a strategic initiative characterised by ideas that may lead to novel results, which are going to qualitatively enrich the current scientific work at the JRC.

The JRC is offering a position for a contract agent in the context of the SMART exploratory research project.

The SMART project aims at developing and evaluating promising strategies to boost resource efficiency in the transport sector, with a specific focus on passenger cars. The project targets the contribution of remanufacturing, an industrial process that consists of restoring end-of-life vehicles and components to useful life, therefore achieving reuse and circularity of materials. The project will study how remanufacturing, aiming at extending lifetime of components and materials, and innovative mobility models, aiming at increasing the vehicle use intensity (e.g. mobility as a service, electrification and autonomous vehicles), can be integrated to provide benefits in terms of resource efficiency and sustainable use of materials.

We look for a person with strong interest in transport and a good aptitude of taking initiative and developing new concepts and scenarios.

# Position for:

# FG IV – Scientific Project Officer

## Qualifications:

- Doctoral degree (or equivalent) in transport related economics, engineering or related field. As equivalent is considered University studies of at least three years attested by a diploma and at least 5 years of professional experience in a field relevant to the position.
- Experience with transport research, innovation and policy issues is essential, with particular focus on future transport systems (mobility as service, connected and autonomous vehicles, electrification of transport, new vehicle design concepts and manufacturing processes).
- Good oral and written communication skills in English (B2) are essential, knowledge of other languages an asset.
- Excellent record of research activities including publications in international peer-reviewed journals.

In addition, the following elements will be considered as

	an advantage:
	Ability to work in a team and multi-cultural environment
	The candidate is expected to be creative and work independently.
	Energy, Transport and Climate Sustainable Transport (Operational)
Directorate Unit	The Scientific Development Unit of the Strategy and Work Programme Coordination Directorate is in charge of the overall JRC Exploratory Research Programme. The operational scientific research will take place in the Sustainable Transport Unit.
	Further information: <a href="https://ec.europa.eu/jrc/en/research-topic/sustainable-transport-and-fuels">https://ec.europa.eu/jrc/en/research-topic/sustainable-transport-and-fuels</a>
Indicative duration	18 months
JRC Site	Ispra
Site Site	13914
Country	Italy
Rules and eligibility	The candidate must be on a valid EPSO reserve list for Function Group IV contract staff or have applied to the permanent open call for researchers FG IV:
	https://ec.europa.eu/jrc/en/working-with- us/jobs/vacancies/function-group-iv-researchers
	Auxiliary contract staff: <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</a>
	Please note that due to the high number of applications received only shortlisted candidates will be contacted.