

Job Description

Post title: Early Stage Researchers	Post No: 06315
Organisation Unit: Special conditions: host as described in recruitment conditions	Date compiled: April 2019
Grade: Special conditions: Horizon2020 – MSCA-ITN flat rates	Hours per week: 37 Weeks per year: 52

If fixed term, state duration: 36 months

Immediate line manager: Host supervisor - Various across consortium

Designation and grade of any staff supervised by the post holder: None

Job purpose: EU Marie Skłodowska-Curie Actions, 15 Early Career Researcher (ESR)

Principal duties and responsibilities:

NBS has been awarded with the Horizon2020 Marie Skłodowska-Curie Actions, Smart-BEEjS. This 36 months post will develop original research in the Sustainable Energy Sector. The post holder will research, participate to individual and collaborative training, develop original research, disseminate and exploit activities in collaboration with the members of the partnership.

The project will train the 15 students using an innovative doctoral training programme that incorporates deep training in their individual subjects, with the ability to understand and engage with the needs of citizens and communities, the needs and opportunities available from scientists in different disciplines. In addition, they will have the opportunity to work through a collaborative research programme with those who produce the technologies necessary for PEDs, and work with the policymakers who can facilitate these new and exciting opportunities to generate new knowledge, influence and promote the development of PEDs.

[PEDs](#) can generate local decentralised and innovative energy ecosystems, placing the consumer at its centre. The EU has used the *Strategic Energy Technology Plan* to transfer power to consumers, by decentralising the energy ecosystem to the local district-level. One of the targets of the plan is to establish "100 positive energy districts by 2025 (baseline 2015) and 80% of electricity consumption to be managed by consumers in 4 out of 5 households".

1. Contribute to the research that is described at the Smart-BEEjS project description of actions. This may involve, for example, experiments & field work, contributing to the individual and collaborative research activities across Europe.
2. Contribute to any related research plans and carry out research activity in line with defined research plan objectives, documenting results and drafting reports of own or team's research. Format script and prepare presentations for the Supervisory Board as required.

3. Present and disseminate relevant information communicating with internal and external contacts as necessary.
4. Act as a resource for other PhD students, demonstrating techniques, systems, data or methodologies if required for delivering collaborative research and training activities.
5. Contribute to the analysis and interpretation of the results of research and generate ideas based on these outcomes.
6. Keep knowledge and skills up the required level by engaging in internal and externally based Continuous Professional Development (CPD).
7. Ensure that all resources used are correctly recorded and documented, files are kept up to date and data accuracy is maintained.
8. Attend and contribute to meetings as appropriate.
9. The postholder may be required to undertake any other duties which may reasonably be required as within the nature of the duties and responsibilities of the post as defined, subject to the proviso that normally any changes of a permanent nature shall be incorporated into the Job Description in specific terms.

Special requirements:

The ESRs will work directly with the Smart-BEEjS project team and communicate regularly with the other members, to assist with high quality and on time delivery of the projects' deliverables. These include the following activities:

- Support the described deliverables under the Smart-BEEjS project description of actions.
- Oversee their personal doctorate research and comply with local reporting procedures;
- Manage dissemination and communication activities in collaboration with the teams across the consortium.

Applicants need to fully respect all three eligibility criteria (to be demonstrated in the CV):

Early-stage researchers (ESR) are those who are, at the time of recruitment by the host organisation, in the first four years (full-time equivalent) of their research careers and not have a doctoral degree. Full-time equivalent research experience is measured from the date when you obtained the degree entitling you to embark on a doctorate (either in the country in which the degree was obtained, or in the country in which you are recruited), even if a doctorate was never started or envisaged. You may therefore be required to provide documentation proving your eligibility for recruitment.

Conditions of international mobility of researchers: You are required to undertake trans-national mobility (i.e. move from one country to another) when taking up the appointment. You must not have resided or carried out your main activity (e.g. work, studies) in the country where you have been recruited "*for more than 12 months in the 3 years immediately before your recruitment date*". Holidays are not counted. Your employer is required to verify this fact, therefore you may be required to provide supporting documentation proving your place(s) of residence or work during the previous 3 years. Note that the mobility rule applies only to your first recruitment within the project, and not to other organisations to which you might be sent on secondment. Finally, the mobility rule is related to your residence and not to your nationality.

English language: Network fellows (ESRs) must demonstrate that their ability to understand and express themselves in both written and spoken English is sufficiently high for them to derive the full benefit from the network training.

The post involves international travelling.

All staff are expected to comply with the University's Health and Safety and Equal Opportunities policies in the performance of their duties.

N.B. The post holder may be required to undertake any other duties which may reasonably be required as within the nature of the duties and responsibilities of the post as defined including research supervision and teaching, subject to the proviso that normally any changes of a permanent nature shall be incorporated into the Job Description in specific terms.

Job description drawn up by	Kostas Galanakis Programme Leader	April 2019
Approved for department by	BLSS HR	April 2019