

Description

We are looking for a dedicated and highly motivated Project Manager for the Horizon European Project “**USES** of novel **UltraSonic** and **Seismic Embedded Sensors** for the non-destructive evaluation and structural health monitoring of infrastructure and human-built objects” (**USES²**) which is granted for 4 years starting March 1st 2023 (HORIZON – MSCA - 2021 – DN Project n° 101072599). The aims of USES², a MARIE SKŁODOWSKA-CURIE ACTIONS Doctoral Network, is **to train a new generation of European scientists with skills across sensing and signal processing to develop and combine novel emerging sensing technologies** (optical fibre and wireless piezoelectric sensors), **advanced processing** (compressed sensing, artificial intelligence) and **full-mechanical-waveform-based imaging**.

USES² includes Scientific Research in **7 First-Class Academic Organisms** (Université Gustave Eiffel/ France, Universidad Politécnica de Madrid/ Spain, CEA/France, IZFP/Germany, University of Bristol/United Kingdom (founded by UKRI), BAM/Germany, Université Libre de Bruxelles/Belgium) and **3 Industrials Companies** (Isamgeo/Italy, Airbus/Spain, Zensor/Belgium) **who will recruit 11 Doctoral Candidates and 12 Associated Partners** (ENI/Italy, Vallen Systeme GmbH/Germany, Temai Ingenieros S.L./Spain, EDF/France, IMMS/Germany, Faber Industrie SPA/Italy, Inductosense Ltd/United Kingdom, ENSAM/France, TUIL/Germany, RWTH AACHEN/Germany, UNIPD/Italy, VUB/Belgium).

Management of USES² will be achieved in close relation with the Project Coordinator (Odile Abraham at Univ. Gustave Eiffel, Nantes campus, France) and Univ. Gustave Eiffel Administrative and Financial Services.

Duties

- Managing the day-to-day operational aspect of USES² project
- Having a clear picture of the project's deliverables and timelines, to ensure coordination among partners and timely delivery
- Ensuring completion of project documentation, keeping it updated and correctly filed
- Keeping track of the project's budget / expenditure (Total budget about 2.68 M€)
- Ensuring compliance with the obligations of the Grant Agreement and the Consortium Agreement
- Liaise and reporting to the European Commission which includes preparation of periodic scientific and financial reports
- Monitoring and reporting of project milestones and deliverables in accordance with EU deadlines
- Ensuring communication between all members of the consortium: 10 beneficiaries, 12 associated partners, 11 PhD students
- Contributing to the dissemination and exploitation of USES² results, maintaining the website and supervising social pages of the project
- Organising project meetings, agenda, minutes, venues, newsletter
- Organising training sessions and secondments of 11 PhD Students
- Ensuring the compatibility of the 11 PhD inputs and outputs and their sharing through dedicated web tools

Experience, knowledge and competencies required

- We are seeking a dynamic person with a PhD in Physics/Seismic/Ultrasonics/Electronics
- The candidate should demonstrate capacity in team work
- A supplementary 2-year research experience – postdoc – in a research lab or an experience in a research project management would be a plus
- Excellent communication skills (written and oral) in English will be essential as well as basic notion in French
- Good organizational and analytical skills and ability to meet strict deadlines will be essential
- Enthusiasm for mentoring others and work collaboratively in team
- Proactive, flexible and problem-solving attitude
- Fast learner that requires minimal supervision
- Strong attention to process, detail and documentation
- Willingness to travel within Europe is required

Working conditions and entitlements

- Position based at Université Gustave Eiffel, Nantes campus, France
- Full time position, teleworking possible 2 days per week
- High-quality scientific environment
- Gross salary between 29k€ to 35k€ subject to experience
- The post will be available from January 2023 and tenable until 29/02/2027

How to apply

- **Electronic application must include a CV and a portfolio with covering letter, the names and email addresses of 2 distinct references, and should be sent to uses2@univ-eiffel.fr indicating the subject “USES2 Project Manager application – YOUR FAMILY NAME”**
- Deadline for application: 21st of October 2022