

Call for the development of an
educational video suitable for
European classrooms



FuseNet
The European Fusion Education Network
ASSOCIATION

1 Purpose

The FuseNet Association is an independent legal entity that was founded in December 2010 to provide a platform for the coordination of European fusion education activities.

In order to enhance and widen the Association's educational aspiration, FuseNet has decided to produce a video explaining the development of nuclear fusion as a future energy source. This video shall be in such a format that it can easily be integrated into the European educational curricula. The target audience are secondary school classes (around ISCED level 3).

2 Scope

The contractor shall provide a video serving this purpose – one film or a set of modular clips – visualising:

- What is fusion energy? The physics of a nuclear fusion reaction and plasmas;
- How does it work? How to create net electricity from fusing hydrogen atoms;
- The properties and advantages of fusion energy (fuel supply, waste, safety features...);
- Where are we with fusion energy development?
- What are the key challenges to deliver fusion energy to the electrical grid? (material, turbulence, engineering, management, time, ...);
- What could a student do to help realising this mission (study, careers);
- How will fusion energy fit into a future global energy mix?

The language of the video shall be English. The FuseNet Association will take responsibility to translate it - or to add sub-titles - into other European languages.

3 Responsibilities

The FuseNet Association shall be responsible for the overall realization of the video by providing guidance and input.

The contractor is to support the Association with the development of the storyboard and the realization of the video by producing new footage and utilizing the latest standards of animation technology. Hence, the technical delivery is the responsibility of the contractor.

4 List of deliverables and due dates

Based on the FuseNet Association approval of previews, the supplier shall provide a teaser for the final film no later than 12th June 2020. The full film shall be completed and delivered by 31st July 2020.

5 Acceptance Criteria

The FuseNet Association (a contact person shall be nominated) shall be regularly informed about the major production steps.

6 Budget and procedure

FuseNet expects proposals in the order of 30-50k€. They should be submitted to feo@fusenet.eu by 15th May 2020 at the latest. A proposal should contain a timeline, plan of approach, resources and concrete deliverables. Given the requested first milestone, the next Monday, 18th May, the winning proposal should be able to start.

7 Copyright

The copyright and all other rights related to the video are held by FuseNet.