

Virtual Manufacturing School

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Virtual Manufacturing School

- ✓ There has been a great interest for distance based learning.
- ✓ Distance based learning allows teaching without traveling.
- ✓ It is possible to bring students and lecturers from different geographic areas together at a virtual classroom.
- ✓ Technological developments allow to create virtual classrooms and to monitor progress of the students as well as the lecturers.
- ✓ The technology develops so fast
- ✓ There has been new systems, procedures and technologies on the market
- ✓ There is a need to educate people especially those who graduated earlier for the new developments.
- ✓ Life-long learning is the main focus of EC and can be supported e-learning

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OBJECTIVE

To create a virtual school which can allow teaching and learning of various manufacturing in virtual classrooms (real time communication between students and the teachers and the lecturers)

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Relevance To the Call

**ICT-2007.4.1
NMP-2007-1.1-3**

Since the system to be developed will allow teaching the topic of interest in manufacturing, The system can be developed to create a learning and teaching environment for the subjects of the call.

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Rough Estimate of Budget

System development (for 50 manufacturing topics including animation and voice communication): 5-6 M €

Duration: 30 months

Number of participants needed: min 2, max 6

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Expertise Required

- ✓ Distance-based learning experience
 - ✓ Internet-based computing
- ✓ Voice recognition and image processing
- ✓ Knowledge of various manufacturing topics

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Point of contact

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An example of a virtual class which is currently running in one of the Turkish Universities can be demonstrated upon request. (for this, internet connection is necessary)