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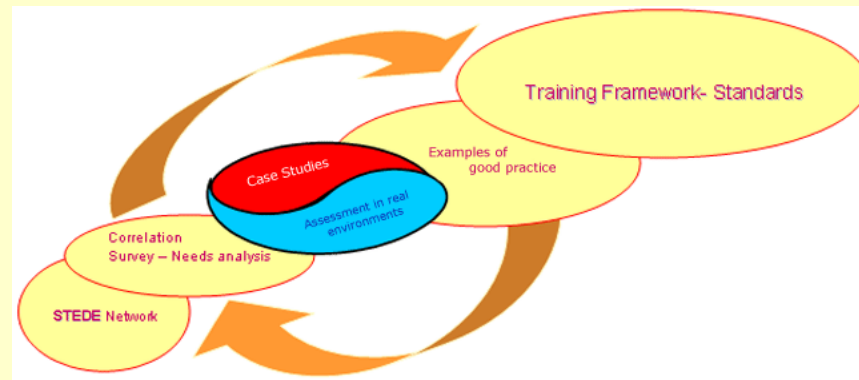
## Science Teachers Training Across Europe (STTAE)



### Partnership

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**The focus of the project** is to observe and evaluate the structure of science teacher education and therefore design and test an innovative and effective training framework. The project lasts two years and it aims to contribute to the improvement of the quality of science teaching. The overall contribution of the project will be the determination of the basic principles and standards for the science teachers' training. The partnership does not intend to develop a common science teachers' training curriculum for all European countries. The partnership -through an extended survey- aims to develop a series of main principles and standards that could be applied to the different national training curricula across Europe, taking into account and respect the differences and the diversity of the existing systems and approaches. The partnership aims to develop a framework that will give common answers to common European problems in the field of science education.



### The general aims of the project are to:

- Contribute to the improvement of the quality of scientific teaching in order to promote its attractiveness and its effectiveness concerning in particular the content of the initial and in-service teachers training curricula.
- Perform a correlation survey and analysis on how the different national science teachers' education programs prepare teachers to teaching science.
- Identify and assess a series of case studies to be used as examples of good practice.
- Determine the main principles and standards of an effective training framework.

In order to meet its objectives the project will evolve through the following steps:

- Identification of the science teachers' competences
- Correlation survey on the existing training systems
- Identification of successful approaches – case studies across Europe
- Assessment of the exemplary models in different environments (teachers' preparatoninstitutions, schools) across Europe
- Design and Development of a common training framework
- Determination of the science teachers standards
- Determination of the science teachers professional standards



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**Project Time: 2003 -2005**