









































# Strategies for innovating S&T education

## **Professional learning communities**

Strong support should be given to existing professional learning communities or connections should be established in order to create professional learning communities or to foster cooperation between such communities

### Diversity and inclusiveness / gender

A discussion of diversity and inclusiveness / gender issues should be included in teacher education as early as possible; the regular observation of groups of pupils and identification of problems existing will contribute to raise awareness regarding these issues. This awareness in turn is the basis for improved management of these aspects.









#### **Teacher education**

Teachers are seen as the most important key change agents, therefore teacher autonomy in implementing innovative practices and hands on activities should be fostered strongly. Teacher education is a key aspect and should be supported by educational research results but also by cooperation among educational researchers, teachers and schools supporting each other.

#### **Sharing of IPs**

A selection of innovative and up-to-date practices, well described and documented in the national language, should be available to a variety of key change agents, among them teacher associations and institutions for teacher education and professional development. In addition, access to persons with the necessary content and pedagogical knowledge regarding the IP should be provided.





















