

36. Generalkonferenz der UNESCO, Paris

Resolutionen

17.11.2011

UNESCO Engineering Initiative

The General Conference,

Considering that engineering plays an important role in addressing the complex challenges of our world, such as poverty reduction, sustainable development, and sustainable use of resources, especially in the framework of increasing urbanization and water scarcity as well as mitigation of and adaptation to environmental change,

Recalling 35 C/Resolution 32 and 186 EX/Decision 15,

Welcoming the launch of the UNESCO Engineering Initiative with its preliminary elements, such as strengthening engineering at universities, engineering capacity-building, policy work, and mobilizing civil society support, all aimed at strengthening engineering, in particular, in the developing world and in Africa,

Considering that the UNESCO Engineering Initiative was welcomed at the World Engineers' Convention 2011 in Geneva,

1. *Requests* the Director-General to focus particularly on engineering education, especially at universities and targeting curricular innovation, with a view to gearing engineering education to sustainable development, capacity-building, the attainment of the internationally agreed development goals, and other emerging challenges, and to build, in this regard, on the lead role of UNESCO in the United Nations Decade of Education for Sustainable Development (2005-2014);
2. *Also requests* the Director-General to pursue UNESCO's engineering activities, as far as possible, in an intersectoral and interdisciplinary fashion, integrating all sciences especially in the areas of policy work and mobilizing civil society support;
3. *Invites* Member States, their higher education institutions and national engineering associations, where they exist, to cooperate closely with the UNESCO Engineering Initiative through South-South and North-South-South partnerships;
4. *Requests* the Director-General to seek partnerships with different sectors of society, including the private sector, higher education institutions, international and national engineering associations, in particular WFEO, international accreditation bodies, as well as other NGOs when implementing the UNESCO Engineering Initiative, including for the provision of extrabudgetary resources as appropriate;
5. *Also requests* the Director-General to ensure that the UNESCO Engineering Initiative gives special focus to gender mainstreaming.
6. *Further requests* the Director-General to present a progress report on the UNESCO Engineering Initiative to the Executive Board at its 190th session, and to submit an assessment of its implementation to the Executive Board at its 192nd session of for transmittal to the General Conference at its 37th session.