International Conference on Education as a Driver for Sustainable Development Goals

Goal 7: Affordable and clean energy

Recommendations

- Recognise the need to improve capacity and skills through mutual partnership
- Educate the public on the importance of renewable energy through mass media awareness campaigns, and by establishing more energy sustainable universities
- Improve and enhance the quality, outreach and scope of technicians training by creating a workforce of 10,000 technicians trained in solar energy
- Educate engineers, economists, advisors and policy makers on issues related to affordable and clean energy
- Provide energy education for all interested parties and stakeholders, particularly with regards to the profit-driven exploitation of resources that occurs when mining is a major source of energy
- Simultaneously promote the education of civil society groups in order to encourage progressive action while educating and empowering consumers to make behave responsibly and make sustainable energy choices
- Recognise the need for better documentation and knowledge sharing by creating systems for generating and accessing currently available information
- Engage with sustainability professionals to educate communities and create awareness about practical issues that can be resolved by enhancing cooperation between academic and industrial domains
- Engage with social media to effectively spread message of energy sustainability to all sections of society
- Address the challenges in the educational system and update the current curriculum with topical market and industry needs in order to effectively channel students into the workplace
- Shift educational focus from purely formal to recognise the informal development of skills in order to be employable in the energy market.
- Recognise that teachers' capacity development is building skilled human resources
- Generate more field based learning opportunities.
- Structure the curriculum in schools, universities and corporate sustainability departments to emphasise affordable and clean energy
- Recognise that capacity building and knowledge sharing is key to securing energy for all
- Encourage collaboration between academia and industry in order to improve access to Research & Development and applied demonstrations. Create an integrated framework to better utilise the available infrastructure for research

needs of solely industrial, and in doing so create trained and skilled human resources.

- Foster the link between industry and academia by developing bridge programmes that strengthen students' employability
- Create a central repository or database of institutions for collaborative action.
- Develop an entrepreneurial ecosystem
- Recognise the need to expand and upgrade technology by creating effective partnerships between academia and industry that facilitate technology demonstration and promote technology adoption and reliability.