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IABSE and Sustainable Development

The report of the World Commission on Environment and Development, "Our Common Future", (the so-called Brundtland Report) was published in 1987, and the UN Conference on Environment and Development held in Rio de Janeiro in June 1992. These events led the international structural engineering community to becoming aware that it also has a role to play in meeting the challenges of development. Through the personal engagement of Mr Robert Silman, a declaration made its way through the different IABSE committees, and was accepted by the Permanent Committee in Copenhagen in June 1996. The full text of the declaration appears below.

It is hoped that the IABSE Symposium held in Rio de Janeiro, seven years after the "Earth Summit", will be a contribution of IABSE, however modest, to the principles held by Mr Robert Silman, Chairman of the Scientific Committee, IABSE Symposium Rio de Janeiro 1999.

Copenhagen, July 1999

Klaus Ostenfeld
President of IABSE

Declaration for Sustainable Development:

IABSE pledges to further the aims of sustainable development as defined by the United Nations World Commission on Environment and Development: 'Sustainable development meets the needs of the present without compromising the ability of future generations to meet their own needs.' IABSE recognises the interdependence of the planet's diverse ecosystems and their finite capacity to assimilate changes due to human activities. IABSE urges its members to identify and act to minimise potentially damaging environmental impact stemming from their work. In their professional activities, IABSE desires that its members promote:

- the full understanding of the interdisciplinary actions required to sustain and optimise the natural, built and socio-economic environment
- the increased use of renewable and recycled non-renewable materials in the construction and operation of structures
- the conscientious assessment of the environmental impact of projects, basing recommendations on environmental soundness.

IABSE members will urge the incorporation of environmental objectives into design, planning, construction and operational criteria. IABSE members will continue to educate themselves and their students on issues relating to sustainable development, and to freely transfer this knowledge to society. Finally, IABSE strongly encourages its members to decline association with engineering activities, in developed and in developing countries, that are contrary to sustainable development.