

Global Science Operas: Moon Village (2017), Oceans & Climate (2018)

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Introduction: The GSO vision is to produce annual Global Science Opera productions during which a global community will explore interwoven science, art and technology within a creative and democratic inquiry process. We shall report the worldwide highlights of GSO 2017 Moon Village, which collaborated with the European Commission's H2020 initiative "Developing an Engaging Science Classroom (CREATIONS)" as a flagship implementation of that project, and provided a research focus for the Norwegian Research Council's project "iSCOPE".



Fig. 1: poster & partners for GSO Moon Village

GSO Moon Village; Based on scientific inspiration from B. Foing (ESTEC/ILEWG/VU Amsterdam), the opera "Moon Village" has been created by schools, universities and art

institutions. The 27 countries in all the inhabited continents were: Argentina, Australia, Belgium, Brazil, Canada, Chile, China, Cyprus, England, France, Germany, Greece, Holland, Ireland, Italy, Japan, Kenya, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, USA, Wales and Zambia.

The opera included live streaming and events from many sites worldwide including from European Space Agency's Technology Centre (ESTEC) in Holland. The opera "Moon Village" is about human society on the future Moon Village. The opera begins in the year 2040. 100 persons (scientists, artists, farmers, teachers, engineers) live on the Moon Village. Two of them are expecting a child: Sofia is the first child born in space. Soon, more children are born on the Moon. Robi the Robot is their nanny. Gravity plans to make life difficult for them. As the children grow, they explore Space. When they learn about the troubles on Earth, some of them (including Bernard, Sofia's boyfriend) decide to return back to Earth. Sofia and the others who stayed on the Moon are sad. They grow even more curious about the Space around them. They need a school on the Moon! They study the Earth more carefully. Finally, Sofia leads Moonchildren to declare independence from Earth. For this, they will need to trick Gravity by using creative knowledge.

GSO 2018 Oceans & Climate: We shall also give latest news and artistic examples about GSO 2018 Oceans Climate that is currently in preparation with worldwide performance planned in September 2018.

Credits: We thank participants in GSO Moon Village (2017) GSO Oceans & Climate (2018)
<http://globalscienceopera.com/>