Statement on WFEO-CEIT Innovation Stories

2020-01-12

Innovation is one of the crucial drivers for the development of almost all aspects of modern society, in particular engineering that depends on new ideas and technologies to plan, design, build, maintain, and life-cycle management. It is embedded in the Sustainable Development Goal 9, and other SDGs as well, to build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation. To capture and share the innovative thoughts and activities all around the globe, WFEO-CEIT is now doing a serial of innovation stories to take a close look at the innovativeness that we hope could inspire the readers and help better the future.

Any comments and suggestions are welcome. Contact the WFEO-CEIT Secretariat at [wfeo-ceit@wfeo.org](mailto:wfeo-ceit@wfeo.org).

Recommended Structure of the Story

Introduction

* Overarching statement of the meaning of innovations
* Introduction of this specific story

Narration of the Story

* The story: who, when, where and what happens
* Relation to innovation
* Comparison with the past practice before innovation
* Details of the innovated practices and results
* Vision: what next

Uplifting to an Industry or a Research Field

* Quotes on innovation and this story
* Overall trends of the related industry or field
* A return to this story and a conclusion

Information Collection Form

This form could be used in an email/telephone interview and help you compose the story. Or you can collect the information and send this form to the WFEO-CEIT Secretariat at [wfeo-ceit@wfeo.org](mailto:wfeo-ceit@wfeo.org) who will help make it into a story.

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| Contact person |  |
| Telephone |  |
| Email |  |
| Title of the story/project |  |
| Background of the story (literature review of the industry or field) |  |
| Contents of the story/project |  |
| Meanings of the story/project |  |
| Keywords |  |
| Vivid stories/cases (who, when, where, what, why) |  |
| Innovations and comparisons to the past practices |  |
| Vision of the future |  |
| Personal understanding of innovation |  |
| Photos and videos | Please zip up all everything into one file in formats such as .zip, .rar, and .7z, and upload it to the online folder: <https://box.lenovo.com/l/I00LRq> |

The First Story: Blasting Away the Iced Floods

The first story is written by Tong Li from China Institute of Water Resources and Hydropower Research (IWHR) on the engineering innovations IWHR has done in controlling the iced flood.

It was posted onto the homepage of World Federation of Engineering Organizations (WFEO) in October 2019 and can be retrieved from: <https://www.wfeo.org/ceit-innovation-stories-01-blasting-away-the-iced-floods/>



