Leadership in Action

Atlas-Akhyana: Stories & Climate Change Maps of 51 ASEM countries
About the 4th ASEF Young Leaders Summit (ASEFYLS4)

The 4th ASEF Young Leaders Summit (ASEFYLS4) is a 10-month long youth leadership programme connected with the 13th ASEM Summit (ASEM13) in Cambodia. The ASEFYLS4 focuses on ‘Sustainable Development in a post-COVID-19 World’ and incorporates 3 spheres for youth leadership:

1) self-leadership (you)
2) team leadership (we)
3) societal leadership (all).

To demonstrate the youth’s role in driving Sustainable Development, the programme encourages participants to collaborate & volunteer on meaningful community projects with an Asia-Europe twist. Based on the four ASEFYLS4 focus areas (SDG3, SDG4, SDG8 and SDG13), participants are allocated to specific working groups and work on “Leadership in Action” activities. In total, the ASEFYLS4 facilitates 15 community projects, each led by 1 ASEFYLS4 Navigator and supported by up to 10 participants from different Asian & European countries. See the list and outlines of all “Leadership in Action Projects” here.

About the Leadership in Action Project #15

Atlas-Akhyana: Stories & Climate Change Maps of 51 ASEM countries

Consisting of 10 story maps, 1 for each ASEM country. By using free & open source geographic information systems (FOSS4G), and open data, the story maps will feature youth and young professionals and the challenges of climate change in their countries.

“Atlas-Akhyana” will utilise earth observation satellite data, geo-spatial technology, and combine them with a human centred storytelling approach to spatial investigation. The project serves as an advocacy publication and supports the call for action for policy change towards a greener and sustainable future by highlighting the impacts of climate change on youth.

“Atlas-Akhyana” will also incorporate an element of capacity building in FOSS4G, and remote sensing when necessary to develop local capacity for sustaining the project in other areas.

The project will take place between June to November 2021.

Outline and Objectives

An Atlas is a book of maps. The word Akhyana in Sanskrit means to tell or to narrate.

The Project “Atlas-Akhyana” will develop an atlas
Planned Activities

The development of Atlas-Akhyana includes the following activities:

- Virtual Panel Discussions with representatives from European and Asian Space Agencies (e.g., ESA, JAXA, PXA)
- Workshops on basic mapping & feature writing for participants
- Interviews with Stakeholders, including geotagging/geophoto fieldwork and photo documentation
- Data Gathering for the publication, including Secondary Data Gathering, Earth Observation, Systems Data, Geospatial Open Data, Climate Central Data and Primary Data Gathering

Expected Results & Outcomes

Tangible

⇒ ASEM Atlas with 10 story maps on the impact of climate change in ASEM communities

Intangible

⇒ Community of Practice created among participants utilizing FOSS4G and cartography
⇒ Promotion of cartography methods and GIS/RS for environmental conservation monitoring & advocacy through distribution of publication across Asian & European stakeholders
⇒ Contribution to awareness creation & knowledge about the impact on climate change in ASEM through creation of stories by youth
⇒ Increased knowledge in feature writing among participants through workshops & trainings
Project Team

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Further Information

www.asef.org

4th ASEF Young Leaders Summit (ASEFYLS4)

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In partnership with:

Contributing to:

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