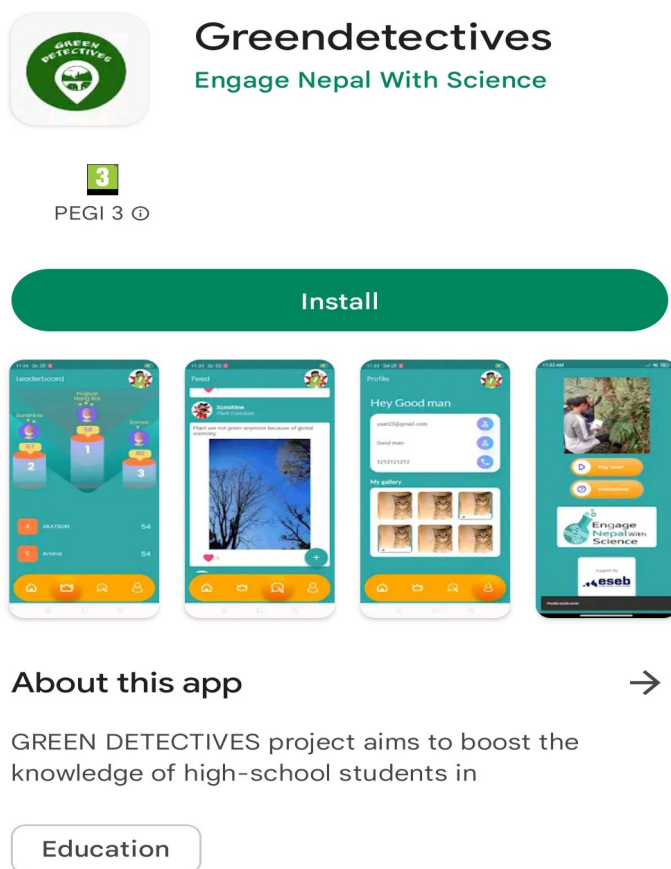


Green Detectives school competition programme: promoting environmental education through games.

Nepal, considered one of the world's most unique biodiversity hotspots and where most people depend on the regions' ecosystems, has suffered the effects of climate change during the last few decades. Thus, we believe it is crucial to promote environmental education and highlight the impact of climate change in the evolution of landscapes, ecosystems, and people's lives. The *Green Detectives* project was designed to raise awareness of the effects of climate change on environmental change among students in our network of partner schools in Nepal. One of the main lines of work of our organisation is precisely to promote the understanding of the effects of climate change on the evolution of biodiversity in the school environment, as a main tool to create a fairer and more inclusive society and to foster positive social change towards a more sustainable future. Our aim was to explore evolution and its impact to the students daily lives by being close to their reality. For this reason, we worked on the creation of an innovative and hands-on school program aiming to discover the reality of the impact of climate change on the evolution of the learner's environment and the adaptive processes of the ecosystem and the society. The competition was held through the *Green Detectives* smartphone game, in which students had to pass a series of tests to reach the next level. The 5 topics (levels) that this app contains are: Plant evolution, Animal evolution, Landscape evolution/changes, Water/rivers and Social evolution. The program has been conducted in 10 schools covering the main climatic areas of Nepal: Himalayas, hills and valleys, lowlands and tropical region. The total budget from the ESEB Outreach funds and have been used to:

- Design and create a **virtual app** (Green Detectives) framed on exploring the evolution of biodiversity due to climate change.
- Organise 10 **workshops** on the effects of climate change on the changing environment in 10 schools across Nepal and covering the main climatic areas of the country.
- Organise a **school competition** through the Green Detectives app.



- Give funds for the eco-committees for **materials and supplies** to further develop their **environmental projects**.
- Organise a **closing ceremony** to announce the winners and to evaluate the results of the programme.

After the development of this project, we can say that we have achieved objectives such as:

- Raise awareness among students and their communities on the effects of climate change on the evolution of their ecosystem and immediate environment.
- Provide innovative environmental education tools to promote knowledge about climate change, its impacts and possible mitigation and adaptation actions that contribute to raise awareness and sensitise the population.
- Facilitate the understanding of scientific concepts such as evolution, adaptation and climate change, through practical examples that can be recognised in the immediate environment of the community.
- Generate debate and exchange of knowledge on the impacts of climate change on the evolution of the environment and socio-ecological adaptation to it.

On the other hand, and focusing on its future sustainability, we think this project is easily scalable and our aim is use it to promote engagement in evolution of biodiversity due to climate change through all our network of schools, which englobes approximately 50 schools in Nepal and Scotland. For future projects, we would like to try a large-scale collaborative game between schools in Nepal and Scotland. The [*Green Detectives*](#) game is available to all Android users for free on Google Play store and we are planning to continue using it for new dynamic actions to work on engagement and exchange between students.

The communication of the project in our social media can be found in:

[ENWS Facebook](#)
[ENWS Twitter](#)
[ENWS Instagram](#)
[ENWS Website](#)

