PLAN-B

Tackling light and noise pollution

plan-b-project.eu | @Planb_team | PLAN-B Project

PLAN-B aims to find **scientific evidence** to protect **Europe's biodiversity and ecosystems** from the **adverse effects of light and noise pollution**

PLAN-B aims to find scientific evidence to support effective regulation to protect Europe's biodiversity and ecosystems from the adverse effects of light and noise pollution.

The rate of global biodiversity decline is **unprecedented and accelerating**. Urban sprawl, population growth and industrialization bring previously unrecognized drivers of **biodiversity loss, such as light and noise pollution.** The EU has adopted policies, such as the **EU Green Pact and the EU Biodiversity Strategy 2030**, to enable transformational change through better protection of biodiversity and restoration activities. However, current projections suggest that the EU 2030 biodiversity target will not be met, and an alternative plan is required.

OUR OBJECTIVES

An Innovative Framework
To assess light and noise pollution impacts and to inform environmental decision-making.

An open access Pollution Database
On light and noise impacts on terrestrial biodiversity.

New Scientific Models
For evaluating noise and light impacts on terrestrial biodiversity at the European scale.

Innovative Solutions
To prevent and mitigate light and noise pollution.

Communities of Practice (CoPs)
Focused on monitoring the impact of light and noise pollution.

Legal & Policy Recommendations
For enhancing legal and policy frameworks.

PLAN-B takes an **integrated, multidisciplinary approach** to better understand and support the reduction of the impact of light and noise pollution on terrestrial biodiversity and ecosystem services.

Check the Light Pollution Map of Europe

Funded by the European Union

Funded by the European Union under the Horizon Europe Programme, Grant Agreement No. 101135308 (PLAN-B). Research and Innovation Action | HORIZON-CL6-2023-BIODIV-01.

University of Salford MANCHESTER | UK Centre for Ecology & Hydrology

Participation of the University of Salford and UKCEH is supported by UK Research & Innovation's Horizon Europe guarantee funding (grant numbers 10094373 and 10106103 respectively)

Swiss TPH

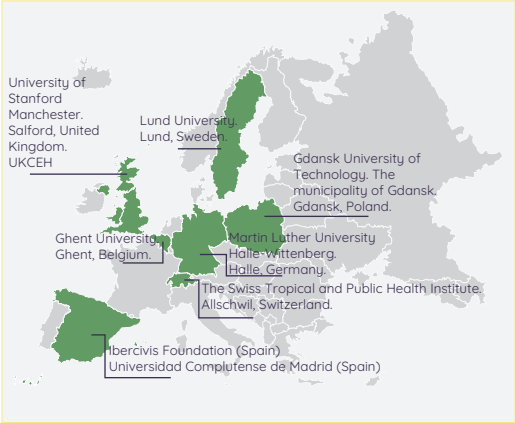
The Swiss TPH funding comes from SERI, the State Secretary for Education, Research and Innovation.

PLAN-B

Tackling light and noise pollution

plan-b-project.eu | @Planb_team | PLAN-B Project

MEET THE CONSORTIUM



PLAN-B is a 4 years european project and it has 8 countries involve and 12 consortium members.

Kick-off Meeting Plan-B

Plan-B Team

Lost at night

The Lost At Night application is designed to help georeference images taken by astronauts aboard the International Space Station (ISS).

The goal is to create a global map of Earth's lights at night to measure and track light pollution. By accurately aligning images with geographical coordinates, the app contributes to valuable environmental data collection, which can be used for scientific research, monitoring light pollution, and understanding its impact on ecosystems and human health.

get involved!

Funded by the European Union

Funded by the European Union under the Horizon Europe Programme, Grant Agreement No. 101135308 (PLAN-B). Research and Innovation Action | HORIZON-CL6-2023-BIODIV-01.

Participation of the University of Salford and UKCEH is supported by UK Research & Innovation's Horizon Europe guarantee funding (grant numbers 10094373 and 10106103 respectively)

The Swiss TPH funding comes from SERI, the State Secretary for Education, Research and Innovation.