



INTERNSHIP PROGRAMME

Code: (Partner Acronym) XXXXXX_001-01¹

Title	Smart technologies in engineering urban landscapes
Format	Online
The earliest initial date (2021)	March 15
The latest end date (2021)	May 15
Duration	30 days
Number of positions (max)	3
Required knowledges and skills	Basic knowledge in GIS, landscape planning, design and urban hydrology as well as sufficient English skills are highly appreciated
Academic coordinator	Dr. Viacheslav Vasenev
Objectives	The internship is focused on mastering smart advanced skills in engineering and planning urban green areas with a particular focus on the sustainable use of the green-blue infrastructures and water management
Short course modules²	Introduction to urban ecology Monitoring, modelling and management of urban green infrastructures
Internship activities	The participants will be involved in design and development of the landscaping projects in urban and semi-natural areas with a particular focus on functional and landscape zoning, water management and drainage systems. The training will involve: <ul style="list-style-type: none">- collecting, processing and analysis of environmental data collected at the pre-project stage;- data processing and spatial analysis of land suitability for particular land-use types and functional zones;- developing master plans of green-blue infrastructure;- design and estimating of the sustainable urban drainage systems

¹ The short course modules can be common to different internship programmes

² The first order number identifies the internship programme the second order number the programme in a specific hosting institution



Hosting institution	Landscape Engineers' Guild
	Landscape Engineers' Guild is a professional association which joins together companies and practitioners in landscape design and planning. Accumulation and dissemination knowledge and practical skills in landscape engineering is the mission of the association.
	Dr Alexey Sayanov (co-founder and director)
	https://laenguild.org/
Academic tutor	Mario De Martino (de-martino-m@rudn.ru)
Hosting institution tutor	Dr Alexey Sayanov (a.sayanov@sayangroup.ru)
Additional notes	Due to COVID limitations, the internship will be organized online. Professional lecture and master classes (the 1 st week) will be followed by practical work on one or several projects ongoing in the Landscape Engineers' Guild. Coordination will include daily instructions and up-dates on the tasks and progress. The final assignment will be based on the project presentation. All the meetings will be organized via MS Teams