



REPUBLIC OF ESTONIA
MINISTRY OF CLIMATE

"LIFE LATESTadapt project (Developing and demonstrating portfolio of nature based and smart solutions for improving urban climate resilience in Estonia and Latvia) is funded by the European Union, Ministry of Smart Administration and Regional Development Republic of Latvia and the Ministry of Climate of the Republic of Estonia. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union, CNIEA or financiers, respectively. Neither the European Union nor the granting authority can be held responsible for them."

LATESTadapt workshop “Urban green space and heat island mapping and monitoring with satellite data”

Workshop date:

April 17

Format:

One-day online workshop organised as an MS Teams event

Program:

9:00	Opening + day overview
9:10	Satellite data options for EU Nature restoration regulation reporting <i>Benjamin Rolles, European Commission – DG Environment</i>
9:30	Using digital twin tool to understand climate risks and socioeconomic vulnerability in urban space - Example from the Regions4Climate project <i>Heli Ponto, Senior Project Manager, Forum Virium Helsinki</i>
9:50	Urban Heat analysis and Resilience tool for Piraeus, Greece <i>Patricia San Nicolás Vargas, Universidad Politécnica de Madrid</i>
10:10	Q&A session
10:25	Coffee break
10:40	LATESTadapt results on urban heat island and green space multi-year assessment in pilot cities <i>Dainis Jakovels, Institute for Environmental Solutions</i>
11:00	Experience story on the use of satellite data products in policy planning – Case of Riga Urban Greening Plan <i>Liene Grike, Riga Municipality</i>
11:20	Urban cooling from Copernicus tree cover density in Estonia <i>Kairi Vint, Estonian Environmental Agency</i>
11:40	Q&A session and discussion

12:00	Lunch break
13:00	<p>Practical training on heat island and green space mapping (Part I)</p> <ul style="list-style-type: none"> • Where to access relevant satellite data (overview of platforms & products) • Tools for data processing (pros/cons) • Satellite data selection and pre-processing <p><i>Dainis Jakovels and Agris Brauns, Institute for Environmental Solutions</i></p>
14:10	Coffee break
14:30	<p>Practical training on heat island and green space mapping (Part II)</p> <ul style="list-style-type: none"> • Green space mapping • Heat island mapping • Discussion and Q&A session <p><i>Dainis Jakovels and Agris Brauns, Institute for Environmental Solutions</i></p>
16:00	Workshop closing