BEST PRACTICES AND SOLUTIONS FOR ENERGY TRANSITION

TYPE OF BEST PRACTICE:	TECHNICAL SOLUTIONS
TITLE:	**Generating resilient actions against the heat island effect on urban territory.**
Keywords: *Please select from dropdown lists (cells B5-B9), up to 5 representative **keywords** that best describe the features of the best practice.*	Energy transition measures
Country: *Please select from dropdown list (cell B10), the country where the best practice was implemented. If in more than one countries, select "multiple countries" and describe in cell B11.*	France
Region / Municipality / location: *Please provide further details on the territory where the best practice was implemented, as applicable (e.g. Region and/or Municipality and/or location of individual building).*	Toulouse
Short description: *(Up to **150** characters)*	Create a new green lung in the city of Toulouse, and to study the effects of revegetation in cities with the objective of mitigating the urban heat island effect.
Long description: *(Up to **1000** characters)* *Describe a best practice in the field of **Technical solutions** [e.g. innovative technical tools/methodologies/solutions developed to increase energy-efficiency in public buildings or sustainable mobility; case studies of successful implementation of such solutions in actual projects; etc.]*	In response to the changing climate, particularly the urban heat island (UHI) effect that amplifies increasingly frequent heat waves, the LIFE Green Heart project aims to increase the resilience of the Toulouse Metropol. Specifically, the project's main objective is to reduce the local temperature by 3C on average during heatwave events on an area of 30 hectares on the Ile du Ramier in Toulouse by counteracting the UHI effect. The project includes four operational objectives to address the causes and consequences of the UHI effect: 1) Increasing green space surface area using adapted plants and planting methods 2) Restoring biodiversity by consolidating green and blue infrastructure 3) Reducing air and noise pollution by developing routes for soft modes of transport (e.g. bicycle lanes) 4) Creating tools to support the development of long-term urban development policy, considering climate change adaptation
Project full title / acronym: *The title of the Best Practice is inserted in cell B4. Please only fill in this field (cell B19) if the Best Practice was implemented as part of a "Project". The "Project" can be an EU project or a local / national initiative, a private initiative etc.*	Generate REsiliENt actions againSt the HEat islAnd effect on uRban Territory / LIFE Green Heart
Funding Programme: *(If applicable)*	LIFE programme
Project website: *(If applicable)*	
Relevant images: *Photos, project logo etc.*	
Progress status - Start date:	*09/2019*
End date: *If relevant, please include any futher information as regards progress of the case study.*	*09/2024*
Key benefits / outcomes: *Describe key benefits - key outputs from this best practice. Where available and relevant, use users' testimonies.*	This project proportionates experience in dealing with climate adaptation measures. This study could also point to the direction in which the cities could adapt to heat waves, reducing its effect and improving the quality of life for its citizens.
References: *Provide relevant links or documentation (reports / photos / videos etc.) that relate to the described case study (Note: please only provide where it is acceptable to make the information publicly available online.*	https://webgate.ec.europa.eu/life/publicWebsite/project/LIFE18-CCA-FR-001150/generate-resilient-actions-against-the-heat-island-effect-on-urban-territory