

# TWG on territorial innovation on metropolitan and peri-urban agriculture

# Members of Tirana Group

- Group from Tirana:

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# Characteristics of urban agriculture in Albania

- In Albanian cities there is an unused potential: the land and the sunny areas can be used to plant of economic interest and for the growth of animals
- In the courtyards of private houses can be cultivated any plants and grow beasts such as chickens, rabbits, bees, etc.
- On the terraces, balconies, the windows of the palaces can be planted vegetables, spices. In the terraces can be kept beehives, even chickens and rabbits.
- In Tirana, urban agriculture is increasingly practicing. Recently, homes with growing fruit trees in garden have grown rapidly, so today we can admit that this agriculture has become a reality



# Territorial innovation objectives

- Main Objectives are:
  - Public healthcare
  - Environment protection
  - Managements of sustainable resources



# Territorial innovation practices

- Main practices are as follows
  - The Green Crown/Belt of Tirana
  - [Green Roofs for Tirana](#)



Rehabilitation of clear cut and degraded forests in the Municipality of Tirana (fruit trees)

The Green Crown/Belt of Tirana covers an area of over 40,000 hectares.

The implementation of this project includes planting and forestation of 50 hectares of clear-cut and degraded forest areas in the surroundings of Tirana.

It will comprise the planting of shrubs to help control soil erosion, fruit trees and steep slope works, reinforcements with stone in gabion with concrete belts and panels with stones in gabion.



Rehabilitation of clear cut and degraded forests in the Municipality of Tirana (fruit trees

To increase the green surface of planted trees the Municipality of Tirana is applying a replantation plan even if the surface is part of private gardens of the houses that have been constructed in the selected area.

In common agreement with the inhabitants, the municipality is financing the plantation of fruit trees on the private gardens.

The project started on 2016 in the area of Farkë a recently urbanised area on the fringe of Tirana



# *Challenges of the initiative*

- Create a continuous belt of trees (fruit and decorative ones around the city of Tirana)
- enlarge the green surface around the city of Tirana.
- assure the territorial cohesion.





# Green belt of Tirana



# Green Roofs for Tirana

- The project is designed in five main phases:
- Identification of the buildings where green roofs will be applied
- Design and projection of green rooftops with the help of the Directorate of Territorial Planning
- Cleaning of the existing roofs of the buildings from water tanks, antennas, etc.
- Implementation of the green roofs
- Maintenance (automated irrigation may be applied)



# Preliminary impacts

- Improved air quality and smog reduction due to increased vegetation
- barrier against atmospheric factors
- Noise reduction
- Reduces floods and improves storm water management
- Creating local jobs
- Increased value of the building  
Awareness of the residents about the benefits of the application of the green roofs Improved environmental quality and also improved life quality for the community.





# Territorial innovation



Project co-financed by the European  
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# Territorial innovation





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Thank you!

