



Report of the

XIII WORKSHOP OF THE URBAN AND PERI-URBAN FORESTRY WORKING GROUP OF SILVA MEDITERRANEA

Date: 26-27-28 April 2021

Venue: Zoom Virtual Meeting

Annexes to the report: (i) Agenda; (ii) Participants; (iii) Task forces: brainstorming sessions

Background

The Working Group (WG) on Urban and Peri-urban Forestry was established by the Committee on Mediterranean Forestry Questions - Silva Mediterranea in the framework of its 21st session (Turkey, Antalya, 2-3 February 2012) with the mandate to develop an urban and peri-urban forestry networking strategy for the Mediterranean countries. Its role is to act as a neutral forum where nations can meet and develop agreements, as well as debate policy aspects on urban and peri-urban forestry issues. In particular, the WG focuses on the following priorities: (i) improve North-South and South-South cooperation between stakeholders; (ii) raise local and regional awareness of all stakeholders on the benefits and incomes related to the presence of forests and green infrastructures in and around cities; (iii) push green infrastructures and UPF upward on the political agendas of Mediterranean countries and build a common strategic vision on green infrastructures and urban forests; (iv) promote economic, environmental and social sustainability in urban and peri-urban areas, and a sustainable use and management of resources. The WG normally meets twice a year. Due to the CoVid19 outbreak, this workshop and the previous two (XI and XII Workshops) were held online (via Zoom). The Agenda of the meeting can be found in [Annex I](#). A complete list of participants is available in [Annex II](#).

This report, along with the presentations given during the event, will be uploaded on the FAO Urban Forestry webpage (under the session [Events](#)) and stored in a dedicated folder on the [DGroups](#) platform. Additional information on the WG can be found at the link: <http://www.fao.org/forestry/silva-mediterranea/88929/en/>

Summary of the event

The workshop was structured in five sessions of about 2-3 hours each, distributed over three days. More than 64 members from more than 10 countries registered to the event, and all sessions counted on the participation of at least 30 participants. These included members of the WG, *Silva Mediterranea* National Focal points, members of the *Silva Mediterranea* Board.

Main objective of the event was to actively work in thematic working sessions with the coordinators of the different Task Forces to advance on the activities currently under development. The main results of the working sessions held for each of the task forces are reported in the following page.

The event also represented an occasion to present relevant FAO urban forestry related initiatives and programmes currently under development/implementation. Among those, the FAO Green Cities Programme launched in 2018, and the Green Urban Oases Programme currently under development. A dedicated session was also allocated for voluntary presentations from the members of the WG. All the presentations given at the event are available for download at the link: <http://www.fao.org/forestry/silva-mediterranea/88929/en/>.

The official language of the workshop was English. Although no interpretation into French was available, support was provided to French speaking participants to ensure their involvement in the discussion.

Task forces working sessions: outcomes and next steps

- **Task Force 1: Thematic briefs – Ms Michela Conigliaro and Mr Simone Borelli**

Aim of this task force is to develop a series of thematic briefs addressed to support administrators, communities and relevant stakeholders of the Mediterranean Region in developing and implementing concrete policy actions to maximize the contribution of urban forests and green spaces to address key urban environmental and social challenges within the Region. Title of the Series is “Rethinking the Mediterranean cities: the role of urban forests and green spaces for resilient urban communities”. The briefs consist of short documents of 2-4 pages reporting a brief introduction on the topic, key messages, and a series of policy recommendations.

State of the Art

The Brief n.0 (introducing the series) was issued in Summer 2020 ([link](#)). The Brief n.1 is currently under finalization and is addressed to present the contribution of UPF in improving human health and resilience to pandemic crisis (i.e. Covid-19 pandemic). A preliminary draft of the thematic brief (based on the draft shared by Ms Anna Chiesura in summer 2020) was shared with participants prior to the meeting.

Objectives of the working session

Aim of the working session was to: (i) agree on the structure proposed for the briefs (i.e. number of pages and layout); (ii) revise the draft content proposed (i.e. highlighting lacking issues or information to be revised); (iii) integrate the policy recommendations session; (iv) compile a list of reference cases of cities which have been taking action to allow local communities continue using urban green spaces also during the covid-19 pandemic; (v) agree on deadlines and modalities of publication and dissemination of the brief/s; (vi) identify possible topics for the next issue.

Inputs and feedbacks received

A detailed overview of the outcomes of the brainstorming session can be found in [Annex III](#). Concerning the structure of the brief, participants suggested to keep the 2-page structure and to consider adding pictures, diagrams and bullet points to make the messages more clear and visually catchy. With regard to the content, a number of issues were suggested for inclusion in the text: the increased use of urban green spaces by local people during the pandemic period, the reaction from local communities with regard to the closure of green spaces, the need to increase the perceived safety of urban green spaces to incentives the use by women, children and elder. A number of policy recommendations to be included in the brief were also suggested and will be revised/taken into consideration in the next round of revision of the brief. Some preliminary examples of cities taking actions to make urban green areas accessible and safe also in times of pandemics were also provided. Participants were invited to share possible interesting cases over the coming weeks. With regard to publication and dissemination, an email will be sent to the coordinators of the Secretariat of the Silva Mediterranea to propose to discuss (at the upcoming meeting of the Executive Committee of the Silva Mediterranea Statutory Body) the possibility of starting a Silva Mediterranea thematic brief series. Should this decision be confirmed, the thematic briefs developed by the WG would be published as official Silva Mediterranea thematic briefs. Proposal topics for the next briefs of the series include, among others: Feeding cities, UPF and landscape restoration, UPF and livelihood, Trees and thermal comfort, UPF and air quality, UPF in Med drylands.

Next steps and deadlines

29 May: revised draft of the thematic brief + graphic proposal for the layout shared for comments (by Ms Michela Conigliaro and Mr Simone Borelli)

07 June: feedbacks from members received

21 June: final draft shared for final revision

Early-July: Thematic brief published

How to join the task force

To exchange and communicate, the task force uses the DGroup platform: https://dgroups.org/fao/silvamed-wg7/task-force-1_policy-brief. To join the task force and get access to the DGroup, we invite you to contact Ms Michela Conigliaro and Mr Simone Borelli (FAO) at: michela.conigliaro@fao.org, simone.borelli@fao.org

- **Task force 2: Position Paper – Mr Fabio Salbitano**

Aim of this task force is to develop a position paper on the role of UPF in supporting health and quality of life of urban dwellers in the Mediterranean region. The paper would focus on the relationship between urban forests, urban density, air pollution and human health. The social and economic impact of urban forests in terms of healthcare savings and disease prevention would also be addressed.

State of the Art and inputs

A detailed overview of the outcomes of the brainstorming session can be found in [Annex III](#).

How to join the task force

To exchange and communicate, the task force uses the DGroup platform: https://dgroups.org/fao/silvamed-wg7/task-force-2_position-paper. To join the task force and get access to the DGroup, we invite you to contact Mr Fabio Salbitano (University of Florence) at: fabio.salbitano@unifi.it

- **Task force 3: Project proposal - Ms Paloma Cariñanos (University of Granada)**

The aim of this task Force is to facilitate the exchange and collaboration between the members of the WG towards the development of joint project proposals. The activity currently under implementation is the development of a project proposal on the topic “food forests”, for submission in the framework of the COST Action EU-funded Programme 2021/2022. The proposal would be based on the *Food4Urb* project proposal, unsuccessfully submitted in the framework of the COST Action Programme in 2019.

State of the Art

Ms Paloma Cariñanos confirmed to be available to support the submission of the project in the framework of the upcoming call of the COST Action (2021-2022). As leader of the proposal, she has started revising the project proposal submitted in 2019 in light of the comments received from the COST Action evaluation board. The next steps to be taken towards the finalization of this new proposal include:

Objectives of the working session

The working session was addressed to: (i) define of the geographical scope of the project (European or Mediterranean); (ii) establish contacts with new potential partners to be involved in the project; (iii) create dedicated working groups to support in the draft of the project proposal; and, (iv) revise the name of the project (current name: *Food4Urb*).

Inputs and feedbacks received

A detailed overview of the outcomes of the brainstorming session can be found in [Annex III](#). Some 21 members expressed their interest in being actively involved in the draft of the new proposal. A good number of potential partners from a wide range of different sectors were suggested. With regard to the geographical scope of the proposal (European vs Mediterranean), participants highlighted both pros and cons of the two options. Additional key topics related to UFF to be

considered for inclusion in the proposal include: mental and physical health, circular economy, social aspects, value chains, combination of productive and recreational activities, links to urban agriculture and food systems. Alternative titles were also suggested.

Next steps and deadlines

May 2021: DGroup Task force 4 dedicated space to be used for internal communication and docs sharing created (by Paloma Cariñanos)

Mid-July 2021: first revised draft of the proposal circulated for comments (by Paloma Cariñanos)

October 2021: second draft circulated (by Paloma Cariñanos)

How to join the task force

To exchange and communicate, the task force uses the DGroup platform: https://dgroups.org/fao/silvamed-wg7/task-force-3_project-proposals. To join the task force and get access to the DGroup, we invite you to contact Ms Paloma Cariñanos (University of Granada) at: palomacg@ugr.es

- **Task Force 4: Thematic webinars - Ms Michela Conigliaro and Mr Simone Borelli**

Aim of this task force is to organize thematic webinars to address specific issues related to UPF in the region. Events will be organized on 6 month basis. The format will consist of online webinars of 90 min each, held on the Zoom platform and open to all those interested in attending.

State of the Art

Since April 2020, the Task force has been regularly meeting to plan and organize the online events. The topics for the following webinars will be selected based on the interests expressed by the members of the WG. Webinar n.1 was held in July 2020, Webinar n.2 in November 2020 ([link](#)).

Next steps and deadlines

The next webinar will be held in June 2021. Exact date and title for the event will be posted in due course on the dedicated webpage: <http://www.fao.org/forestry/silva-mediterranea/97377/en/>

- **Task Force 5: Selection of species – Mr Alessio Fini**

The main objective of this task force is to develop technical guidelines for the selection and use of tree species in urban and peri-urban contexts in the Mediterranean Region. Aim is to retrieve and share science-based information about Mediterranean woody species suitable for the urban environment. More specifically, the resulting product will be addressed to: (i) provide information about the level of tolerance of Mediterranean species to biotic and abiotic stresses typical of urban sites; (ii) provide guidance to meet the “right species at the right place with the right management” rule; (iii) indicate and quantify the ecosystem services provided by the different species; (iv) alert against potential disservices. The members of the task force agree that the product of this activity will consist in a web tool where users can find parameters and attributes related to the tree species more commonly used in Mediterranean cities. For each species, the database will report both

qualitative (for practitioners, technicians and general public) and quantitative (for scientists, decision makers and urban planners, who may use it for modelling) parameters. So far, a preliminary identification of the clusters of information that could be reported in the factsheets has been drafted by the task force, and responsibilities have been assigned to the different members for the draft of the qualitative and quantitative parameters to be included for each of those clusters.

State of the Art

The task force had already identified qualitative and quantitative traits worth to be included in the fact sheets and had decided to use *Acer campestre* as a case study. In the April meeting, parameters collected so far for *Acer campestre* were revised, consolidated, and approved.

Inputs and feedbacks received

Discussion about how to present qualitative data yielded the decision to keep the description short and simple (i.e. few words rather than sentences, except for “cultural benefits”, “Delivery of goods”, and where strictly needed). Thresholds for the different classes of qualitative parameters (low, moderate, high) should be define using a fixed or relative (among the species included) scale. The Silva Med Fire Management Network can be asked for collaboration to rank fire resistance. Phytoremediation was included in the soil amelioration trait. For quantitative ES-provisioning parameters, it is probably better to report values per unit leaf area than per plant. The latter would require a detailed description of plant age, size, management. Finally, to make the search criteria consistent across species, we agreed to define keywords to be used for the search of each individual parameter.

Next steps and deadlines

End-September: pertinent keywords to be used for the search of each specific parameter identified.

How to join the task force

To exchange and communicate, the task force uses the DGroup platform: https://dgroups.org/fao/silvamed-wg7/task-force-5_selection-species. To join the task force and get access to the DGroup, we invite you to contact Mr Alessio Fini (University of Milan): alessio.fini@unimi.it

- **Task force 7: Indicators – Mr Artur Gonçalves**

Aim of this task force is to develop a framework for the classification of UPF indicators that can be used by municipalities to monitor their activity on the management of their urban forest. Aim is to come up with a limited number of simple and relevant that could be easily applied by local administrators. Municipalities (e.g. through the implementation of dedicated surveys) would also be expected to play an active role in the refinement of the preliminary draft list of indicators that will result from this activity. Contacts with municipalities could start from the cities that have adhered to the Tree City of the World programme launched by FAO and Arbor Day Foundation in 2019.

State of the Art

Discussions held by members over the last months resulted in the definition of two parallel lines of action: (i) development of a framework of indicators providing basic metrics to be applied by municipalities to assess their UPF; (ii) compilation of lists of indicators to be used by the municipalities to address specific issues, such as the effects of UPF on the mitigation of the urban climate.

Objectives of the working session

The meeting was addressed to discuss the selection of priority indicators and the need to establish a basic Framework for the classification of those indicators.

Inputs and feedbacks received

A detailed overview of the outcomes of the brainstorming session can be found in [Annex III](#). The feedback provided by participants regarding the type of indicators to be produced as outcome of this activity ranged from scientific to technical and political/decision making-related indicators. With regard to the expected outcome from this activity, suggestions included the draft of guidelines for city planning, publication of a technical/scientific paper, development of an online database of indicators. Following a debate, two lines of work stand out as potential action:

- Indicators Framework: a pre-existent line of work, with the definition of indicators methodologies, and other elements that can provide a basic framework for the replication in different Mediterranean contexts. This line resonates with the technical/political perspective in the use of indicators.
- Indicators Scientific Article: development of a joint article on the use of indicators in the Mediterranean context.

Next Steps and deadlines

End-May 2021: Google shared Drive to support exchange and communication towards the development of the above activities created

July 2021-October 2021: draft of a scientific paper on UPF indicators in the Mediterranean region

October 2021: 10 priority indicators defined

How to join the task force

To exchange and communicate, the task force uses the DGroup platform: https://dgroups.org/fao/silvamed-wg7/task-force-7_indicators. To join the task force and get access to the DGroup, we invite you to contact Mr Artur Gonçalves (University of Braganza) at: aig@ipb.pt. Finally, the Task Force Coordinator expressed his willingness to be replaced in this task; however, as there were no volunteers, he will carry on until the next meeting.

• Task Force 8: Med living labs - Ms Maria Beatrice Andreucci and Mr Artur Gonçalves

Aim of the task force is to support the organization of living laboratories and activities addressed to facilitate knowledge sharing and support capacity development within the region. Objectives of the labs are: (i) raise awareness on the importance of UPF; (ii) support the sharing of information

between experts and countries; and, (iii) support experts in addressing local constraints to the implementation of UPF, in identifying knowledge gaps and in building their know-how.

State of the art

Due to the current Covid-19 pandemic, coordinators could not follow-up on the activity. However, should you wish to join the task force in view of the upcoming restart of the activity, we invite you to contact his coordinators at: mbeatrice.andreucci@uniroma1.it and ajg@ipb.pt.

How to join the task force

To exchange and communicate, the task force uses the DGroup platform: <https://dgroups.org/fao/silvamed-wg7/task-force-8-local-laboratories>. To join the task force and get access to the DGroup, we invite you to contact Ms Maria Beatrice Andreucci (University La Sapienza of Rome) and Mr Artur Gonçalves (University of Braganza) at: mbeatrice.andreucci@uniroma1.it, ajg@ipb.pt

Urban forestry in drylands: brainstorming session

This session was addressed to exchange on key challenges, solutions, best practices and existing experiences on the implementation of urban forestry in drylands. Aim was to provide inputs to integrate the background document that is being prepared under the FAO Green Urban Oases Programme (see below session for more details). A detailed overview of the outcomes of the discussion can be found in [Annex III](#).

FAO and urban forestry

FAO is currently involved in a number of activities related to UPF, worldwide:

- **FAO Green Cities Initiative**

Aim of the Green Cities Initiative is to improve food security, nutrition and the quality of life in urban and peri-urban areas, reducing degradation of natural resources and contributing to climate change resilience by developing integrated plans and actions on urban forestry, urban agriculture and urban food systems. For more information, you can access the link: <http://www.fao.org/green-cities-initiative/en/>

- **FAO Green Urban Oases Programme**

The overall objective of the Green Urban Oases Programme is to turn dryland cities of Africa and Asia into “green urban oases” and to strengthen their overall resilience to climatic, health, food and economic crisis, as well as to reduce the impact of urbanization on biodiversity and the surrounding natural environment. The programme will support urban communities in drylands to strengthen their policy and technical capacity to design and implement integrated urban forestry and urban greening strategies through multi-stakeholder engagement, optimize the use

of public spaces and improve the provision of ecosystem goods and services to urban communities. The programme will also work towards the creation of a movement of dryland cities decision makers and leaders adopting green agendas and supporting each other through city-to-city cooperation. A number of countries from North-Africa would also be involved in the programme. More information on the Programme will be available soon at the link: <http://www.fao.org/forestry/urbanforestry/en/>

- **Tree City of the World**

The Tree Cities of the World programme is a international effort to recognize cities and towns committed to ensuring that their urban forests and trees are properly maintained, sustainably managed, and duly celebrated. The celebration programme has been jointly developed by FAO and Arbor Day Foundation. To be recognized as a Tree City, a community must meet five core standards that illustrate a commitment to caring for its trees and forest. Applications must be submitted by the Mayor's office of the city. For more information on how to apply to receive the recognition, please access the link: <https://treecitiesoftheworld.org/about.cfm>

- **Upcoming FAO UPF Regional Fora**

1st African Forum on Urban Forests (5-9 July 2021)

3rd Asia Pacific Forum on Urban Forestry (25-29 October 2021)

2nd World Forum on Urban Forests (2023)

Inspirational UPF projects/experiences from the Region

Three voluntary presentations were given at the event:

- 1) AIRFRESH Project - *by Mr Pierre Sicard, ARGANS*
- 2) Urban and peri-urban forests: Innovative approach in Tunisian development strategy - *by Mohamed Boufaroua, DG Forests, Tunisia*
- 3) Overview of ongoing UPF-related projects implemented by the University of Reggio Calabria – *by Maurizio Badiani, University of Reggio Calabria*

The contributions are available for download on the webpage: <http://www.fao.org/forestry/silva-mediterranea/88929/en/>

Next workshp

The next workshop of the WG will be held in **Autumn 2021**. In light of the current pandemic situation, it will be probably held online. Exact date and time will be communicated in due time on the webpage of the WG. Ms Paloma Cariñanos and Mr Alessio Fini confirmed their interest and availability in continuing acting as Coordinators of the WG.

Annex I

Agenda of the Workshop (online event)

Monday, 26 April 2021

Session 1

Time: 11.00-13.00 (Rome time)

Zoom link: received upon registration

Password: silvamed13

Agenda:

11.00-11.10: Introduction to the workshop

11.10-11.30: FAO updates – Ongoing relevant programmes and initiatives

11.30-13.00: Task force #4: Food4Cities – *Led by Ms Paloma Cariñanos*

Session 2

Time: 14.30-17.00 (Rome time)

Zoom link: received upon registration

Password: silvamed13

Agenda:

14.30-16.00: Task force #2: Position paper – *Led by Mr Fabio Salbitano*

16.00-17.00: Task force #7: Indicators – *Led by Mr Artur Gonçalves*

Tuesday, 27 April 2021

Session 3

Time: 11.00-13.00 (Rome time)

Zoom link: received upon registration

Password: silvamed13

Agenda of the session:

11.00-13.00: Task force #5: Database for species selection – *Led by Mr Alessio Fini*

Session 4

Time: 14.00-16.00 (Rome time)

Zoom link: received upon registration

Password: silvamed13

Agenda of the session:

14.00-15.00: Task force #1: Thematic Brief Series – *Led by Ms Michela Conigliaro and Mr Simone Borelli*

15.00-16.00: Urban Forestry in drylands: brainstorming session – *Led by Simone Borelli*

Wednesday, 28 April 2021

Session 5

Time: 11.00-13.00 (Rome time)

Zoom link: received upon registration

Password: silvamed13

Agenda of the session:

11.00-12.15: Voluntary presentations

- AIRFRESH Project - *by Mr Pierre Sicard, ARGANS*
- Urban and peri-urban forests: Innovative approach in Tunisian development strategy - *by Mohamed Boufaroua, DG Forests, Tunisia*
- Quick overview of upcoming projects – *by Maurizio Badiani, University of Reggio Calabria*

12.15-12.45: Reporting from Task forces Coordinators and next steps

12.45-13.00: Closure and way forward

Annex II

List of registrants

The following registered the workshop:

1. Simone (FAO, Secretariat of the WG)
2. Michela (FAO, Secretariat of the WG)
3. Beatriz Kauark Fuentes (Secretariat of the WG)
4. Paloma Cariñanos (Spain, Coordinator of the WG)
5. Alessio Fini (Italy, Coordinator of the WG)
6. Giovanni Di Matteo (FAO, Secretariat of the Silva Mediterranea)
7. Giovanbattista de Dato (FAO, Secretariat of the Silva Mediterranea)
8. Fabio Salbitano (Italy)
9. Elena Paoletti (Italy)
10. Anna Chiesura (Italy)
11. Pierre Sicard (France)
12. Artur Gonçalves (Portugal)
13. Nezha Acil (Morocco)
14. Ilaria Zappitelli (Italy)
15. José Castro (Portugal)
16. Urša Vilhar (Slovenia)
17. Maurizio Badiani (Italy)
18. İsmail Belen (Turkey)
19. Francesca Ugolini (Italy)
20. Ghania Bessah (Algeria)
21. Kailene Jamel (Tunisia)
22. Sara Di Lonardo (Italy)
23. Paolo Semenzato (Italy)
24. Silvano Fares (Italy)
25. Alessandra Stefani (Italy)
26. Samir Ben Haj Salah (Tunisia)
27. Lucia Mondanelli (Italy)
28. Giuseppe Carrus (Italy)
29. Inazio Martinez de Arano (EFI)
30. Yasutomo Hoshika (Italy)
31. Sami Dhouib (Tunisia)
32. Ignacio Rojo (Spain)
33. Angela Canfarelli (Italy)
34. Nihan Parlak (Turkey)
35. Lahouari Djardini (Algeria)

36. Paolo Semenzato (Italy)
37. Andy Speak (Italy)
38. Jacopo Manzini (Italy)
39. Saliha Fortas (Algeria)
40. Erdoğan Atmış (Turkey)
41. Mohamed Abes (Algeria)
42. Hamida Salhi (Algeria)
43. Mauro Maesano (Italy)
44. Anna Steidle (Germany)
45. Javier Clopes Alemany
46. Marco Marchetti (Italy)
47. Rocío Alonso del Amo (Spain)
48. Irene Vigevani (Italy)
49. Barbara Baesso Moura (Brazil)
50. Josep Penuelas (Spain)
51. Thomas Campagnaro (Italy)
52. Denise Corsini (Italy)
53. Silvia Ferlazzo (Italy)
54. Claudia Cocozza (Italy)
55. Ali Mahmoudi (Algeria)
56. Sabrina Rachedi (Italy)
57. Alessandra De Marco (Italy)
58. Mohamed Boufaroua (Tunisia)
59. Sondes Fkiri (Tunisia)
60. Dimitris Tsimplinas (Greece)
61. Cristian Ioja (Romania)
62. Silvija Krajter Ostoić (Croatia)
63. Giorgio Vacchiano (Italy)
64. Fatine El Euch (Tunisia)

Annex III

Outcomes of brainstorming sessions

- Task force 1: Thematic brief n.1

COMMENTS ON CURRENT FORMAT/STRUCTURE (number of pages and outline)

two pages are fine, bullet points recommended

Format is fantastic!

may be bullet points could be better to have a rapid overview? or infographic?

Figure or photos make it visual

Number of pages are ok, make it longer avoid people to read it

2 pages, bullets, pictures

If it includes real cases/good practices as Simone showed, it may require images/diagrams, and then, it can go up to 3/4 pages

the format is good, key messages and photos will be better

EXAMPLES OF CITIES TAKING UPFG ACTIONS AS A RESPONSE TO COVID-19

Padua: example of a park designed and build during the covid period (planned taking into consideration the need for social distance). Paolo Semenzato

Simone:
<https://link.springer.com/article/10.1057/s41289-021-00153-x> has many case studies

CONTENT (Lacking issues/information to be revised)

Lacking issues

Increased use and, therefore, pressure on urban green spaces (in some periods these were the only places that could be used).

Define better the term "quality green"

the growing role of the community level in decision making about public space

citizens and associations requiring to open the green areas when they have been closed

"new" users: many were not using green spaces, but now this with COVID-19 it is more valued as a place to meet

Promote and create green spaces with high natural value, people appreciate natural value, biodiversity

Social media

Information/data to be revised

I think that the title should be rethought and should be said lesson learned from the pandemic better than mediterranean cities during and after the pandemic

Consider that in some countries there was an increase of women visiting parks and feeling safety can be an issue

POLICY IMPLICATIONS/RECOMMENDATIONS

closer small/pocket gardens become more important than large urban/city parks

Better management/monitoring of the green spaces to increase the perception of safety (especially for vulnerable people)

Mention the rule: 3 - 30 - 300. Check if this kind of approach is applicable to Med cities.

Make sure to involve local communities in choices made. (ex. trees cut to increase visibility and perceived safety in parks, strong reaction from people)

Tackling increased use. "New" users needs more info on the role and importance of parks.

Improve inclusiveness for different social groups

trade-offs between security and isolation must be studied and taken into account in new designs post-COVID19

collective and individual stay sites should be designed so that they can be swapped when needed

<https://aavvmaadria.org/noticias/manifiesto-en-defensa-del-derecho-al-juego-y-al-aire-libre/>
manifiesto signed by more than 40 associations of parents, neighbors, citizens etc claiming to reopen green areas in Madrid

DEADLINE AND MODALITIES FOR PUBLICATION AND DISSEMINATION

Most Universities have a Communication Channel that could be useful to disseminate the thematic

Facebook, linkedin, social media

urban planners and landscapers societies

Landscape and urban planning magazines

Executive committee meeting of silva med will be held soon. Send a request from the WG to see if possible to activate a brief series in the frame of silva med

PROPOSAL OF TOPICS FOR THE NEXT THEMATIC BRIEFS

The real value of Urban Forest-Ecosystem services

Urban forests and water

Urban forests and landscape restoration, particularly in peri-urban areas

**Policies against soil sealing
S
e
m
disservices**

Urban forest and pollutants removal

Feeding cities

Species selection to minimize disservices from urban forest

Trees and "desert" urban heat island (as mediterranean areas can also be drylands)

Urban regeneration with NBS

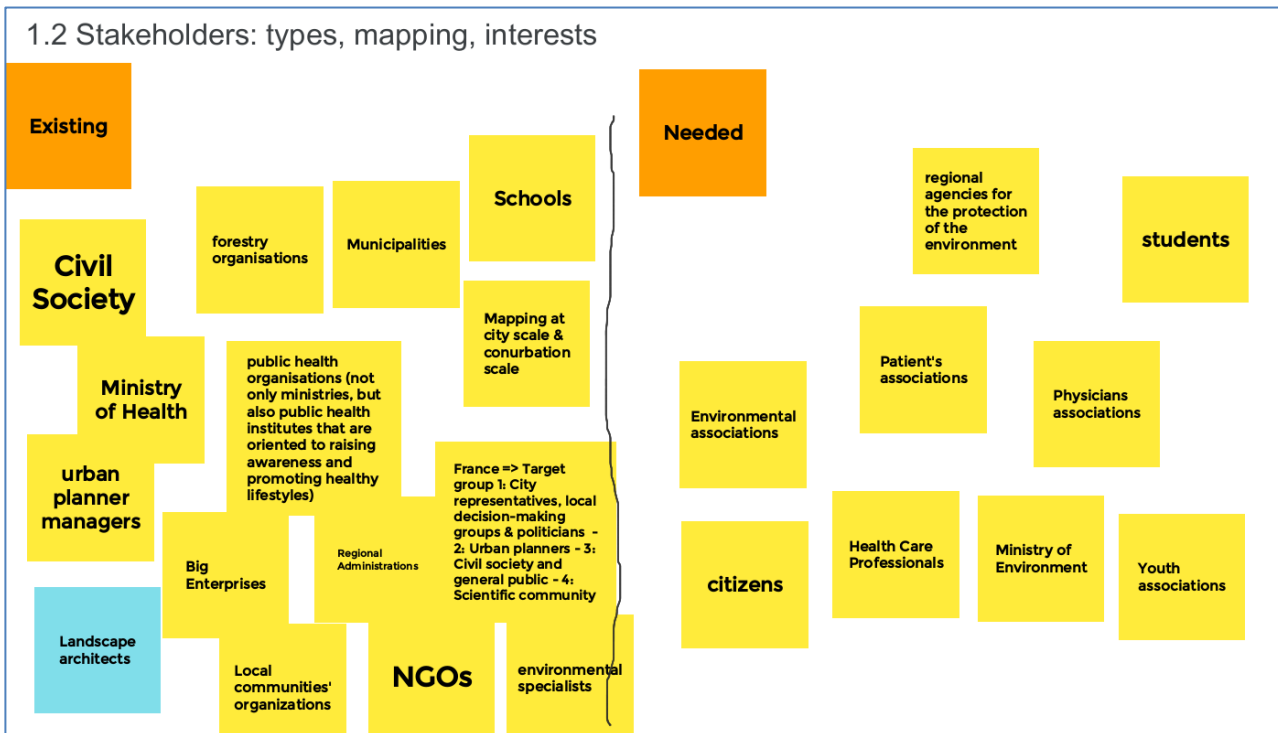
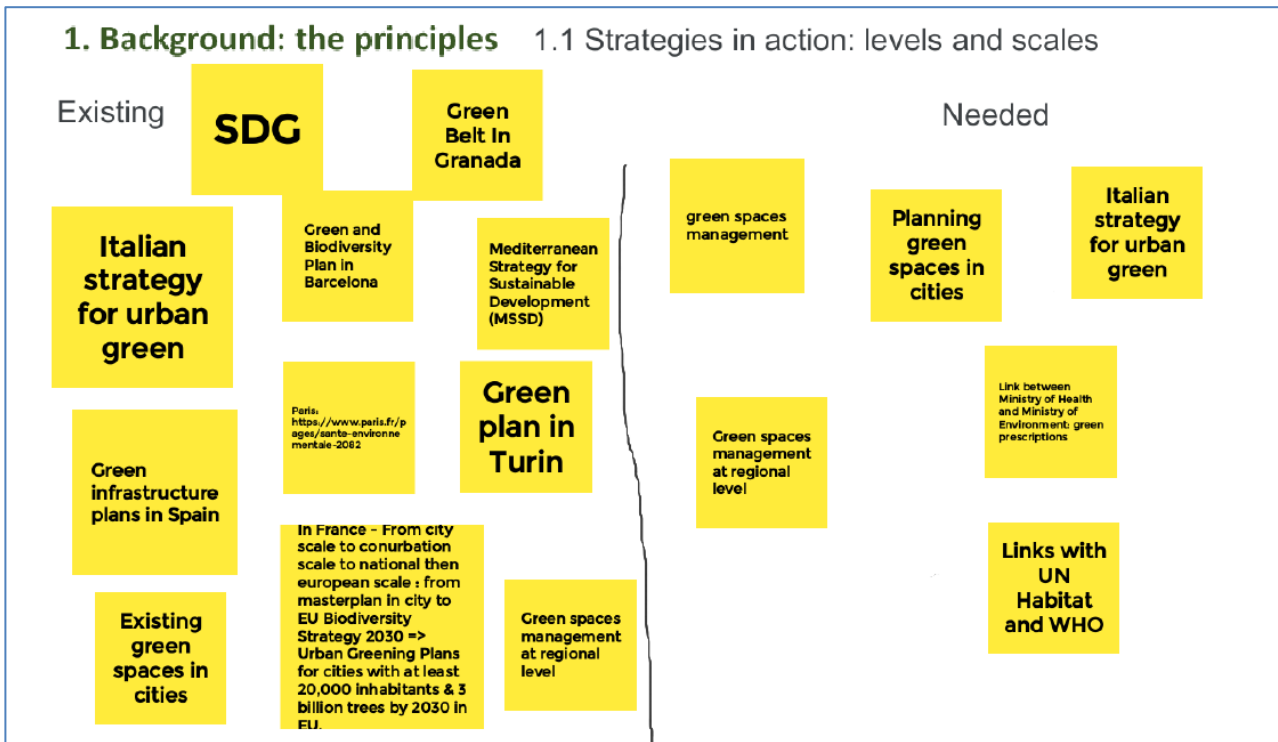
Urban forests and extreme climate events

Urban forests inspiring grassroots movements

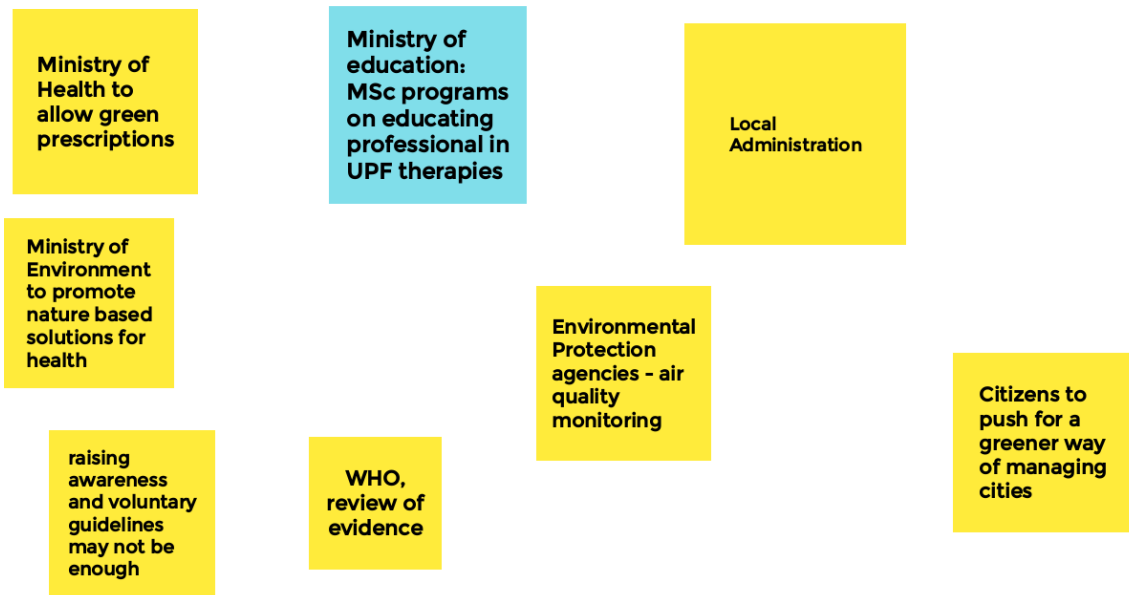
Urban forests and livelihoods

Trees and thermal comfort

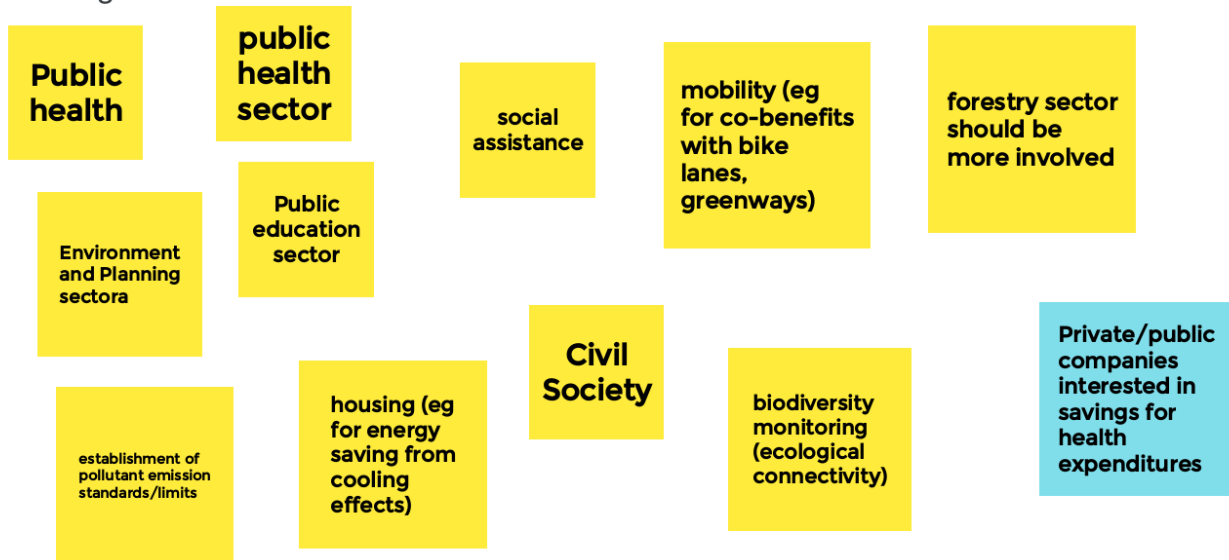
• **Task force 2: Position Paper**



1.3 Roles and responsibilities: who and how?



1.4 Relationships: which sectors are involved/interested in developing tools and strategies?



2. The state of the art

2.1 Research: facts, figures, achievements, gaps

Pouso, Sarai, et al. "Contact with blue-green spaces during the COVID-19 pandemic lockdown beneficial for mental health." *Science of The Total Environment* 756 (2021): 143984.

<https://www.sciencedirect.com/science/article/pii/S1462901120313526>

European Environmental Agency

Semeraro, Teodoro, et al. "Planning of Urban Green Spaces: An Ecological Perspective on Human Benefits." *Land* 10.2 (2021): 105.

https://www.researchgate.net/publication/319420917_Effects_of_Urban_Green_Space_on_Environmental_Health_Equity_and_Resilience

WHO has published a review of evidence

EEA Report No 01/2021

national health databases

Aram, Farshid, et al. "How parks provide thermal comfort perception in the metropolitan cores; A case study in Madrid Mediterranean climatic zone." *Climate Risk Management* 30 (2020): 100245.

Possible gap: health and social aspects of UF in the south of Mediterran

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4410252/>

https://www.bfn.de/fileadmin/BfN/klimawandel/Dokumente/ECBC_C2015/2015-11-18/Session2/Braubach_-_Green_spaces__equity_and_resilience.pdf

<https://www.mdpi.com/2225-1154/7/10/119/html>

2.2 Policies: governance, norms, protocols

municipal regulations for urban green

2.3 Planning, design, management, implementations options and solutions

spatial optimization algorithms

vulnerability analysis

remote-sensing assisted mapping of urban green, vitality change and ES

environmental justice

simulation models of future tree and urban forest development

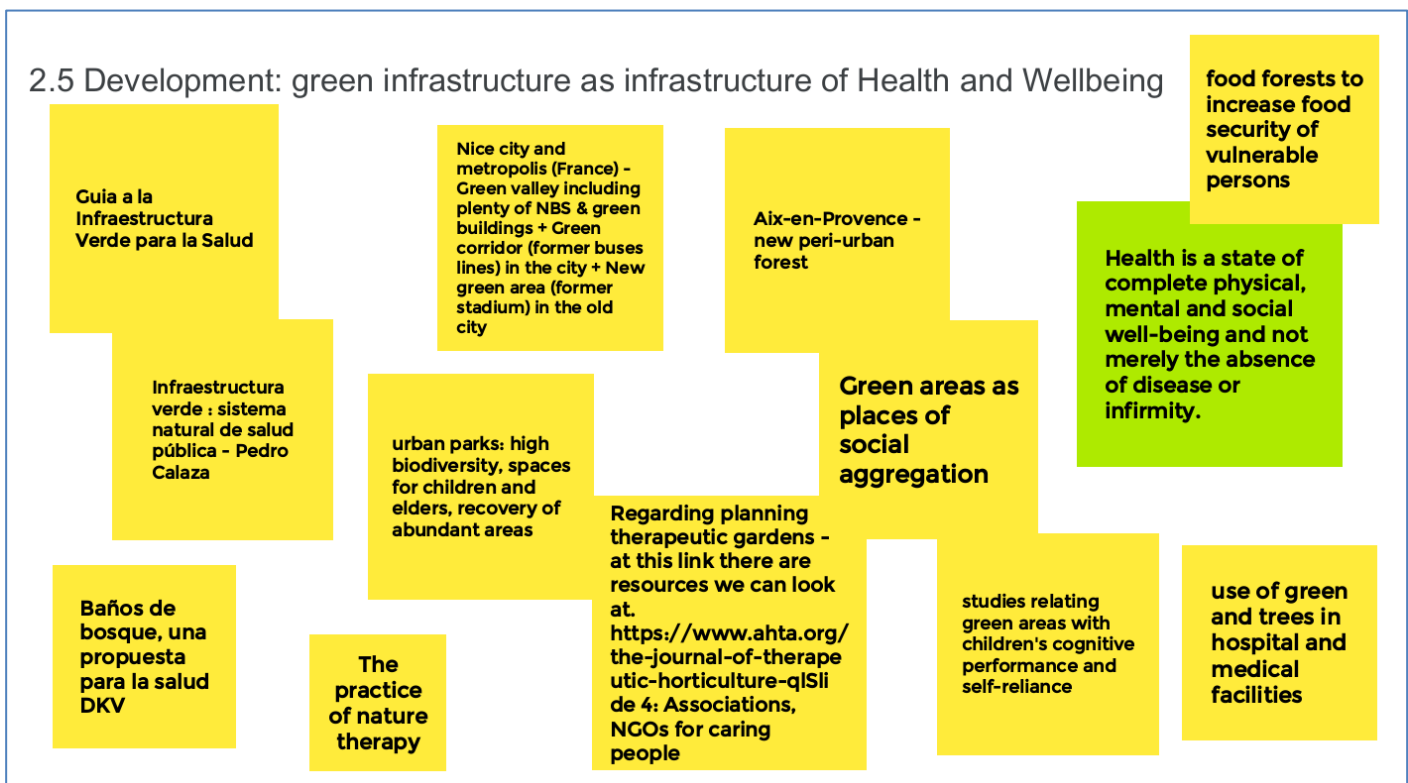
participatory planning

Detection, Classification and Features of Individual Urban Trees from Very High-Resolution Satellite Images

2.4 Partnerships



2.5 Development: green infrastructure as infrastructure of Health and Wellbeing



3. The geography of relationships between UPF and H&W in the Med Region

3.1 Ideas and responsibilities



• **Task force 3: Project proposal Food4Urb**

Your name, contact email and affiliation (please use sticky notes, not this box)

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Claudia Cocozza, University of Florence, claudia.cocozza@unifi.it	Sara Di Leonardo, Research Institute on Terrestrial Ecosystems (IRET-CNR), Sesto Fiorentino (Italy), sara.di.leonardo@cnr.it	Alessio Fini, alessio.fini@unimi.it, Italy	Anna Steidle, anna.steidle@urban-landscape-management.com	Michela Conigliaro, FAO, michela.conigliaro@fao.org	Pierre SICARD, France, ARGANS: psicard@argans.eu	Beatriz Kauark, Fao beatriz.kauarkfontes@fao.org	
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Other potential partners (please use sticky notes, not this box)

Ege University Izmir, Department of Landscape Architecture	Leibniz Institute of Ecological Urban and Regional Development, Dresden (if the dimension will be European)	Slow Food international? It is a global, grassroots organization, founded in 1989 to prevent the disappearance of local food cultures and traditions	European Agroforestry Federation	Representatives of fair trade organizations, networks of green consumers	Organizations linking - Circular Bioeconomy and Nature Conservation - Fundación Patrimonio Natural de Castilla León (Spain) - Have a very interesting work in this area (I can help with contacts) - AC
Budapest, Cargonomia https://thecologist.org/2019/feb/01/urban-agroforestry-budapest	IFLA, International Federation of Landscape Architects	Community Food Forest, Ashdod, Israel https://m.facebook.com/reforest/photos/?album_id=174230003989098	The municipality of Padova is at the moment very active and could be involved	Those non-academic stakeholders can be city administrations, NGOs, etc.	Arbocity Spain, partner of TCOW https://www.arbody.com/?cn-reloaded=1
Questions should be: 1) Do we meet the interests of potential partners of Non-Academic-Stakeholders with UFF? 2) Do we meet the "Hidden-Agenda" of Non-Academic-Stakeholders? 3) What Organisation should be interested in UFF?	Foundation Albertalia partner of TCOW info@albertalia.it	Atlanta Food Forest https://www.aglanta.org/urban-food-forest-at-browns-mill-1	EURAF European Agroforestry Federation info@europeanagroforestry.eu	city garden services	ELO - European Land Owners

Ideas for making the proposal more appealing (please use sticky notes, not this box)

one diagram/infographics explaining partnerships with linkages and roles and their synergies would be a good idea

Dimension of the proposal: Med or European? (please use sticky notes, not this box)

Focus on the Mediterranean might be more attractive particularly if we include countries from outside Europe

Mediterranean scopus may be more strategic, but European countries are gaining knowledge and practices in urban food where one can build on

European with a specific focus to Mediterranean because of COST arena.

If the project is only for Mediterranean region, then the topic of the project has to be with high relevance for this region. Otherwise, the European dimension is better.

For this topic, European dimension is better.

We have to taken into account that in the Northern Part of Europe Economie is (still) very strong and Economie is the first who will be AGAINST UFF. Why should they promote something instead of selling it in the Supermarket?

Europe has to do something to show the world; that 's Europe. BUT Europe has to do something for the Mediterranean Area, because "Europe" (Germany) owe something to the Mediterranean. So both is ok.

Med focus could be good but we have to take into account that North Europe countries have knowledge on this topic

on the project. I think the topic is of European relevance and we should also include the COVID-19 moment in the proposal. Having access to private green space including gardens was very important for perceived

Here the link to a FAO publication on integrating food into urban planning that may held as background literature <http://www.fao.org/3/CA2260EN/ca2260en.pdf>

Mediterranean focus, with "mentoring" from other EU countries where UFF have been long implemented

International Society of Arboriculture

WG 1 - UFF in Europe: typologies, management, and linkages with the local urban development

WG 2 Design and management practices addressed to maximize the benefits and minimize the risks associated to the implementation of UFF systems

WG 3: Economics, Governance and Funding of UFF systems

WG 4: Communication, Dissemination and Marketing

Link to health both mental and physical

Relationships to Urban Foodprint

Social sciences to be more prominent, looking at issues such as social cohesion

Value chain and UFF circular bioeconomy

Multifunctional green infrastructure should combine productive and leisure activities

Link to urban agriculture and urban food systems

One Health

Link WG1 - with local food agenda as well

OLD TITLE:
CONTRIBUTION OF URBAN FOOD FOREST TO ECOSYSTEM SERVICES IN URBAN REGION

FOOD4URB

NEW TITLE?:
MEDITERRANEAN NETWORK FOR THE SUSTAINABLE FUTURE OF EDIBLE URBAN FORESTS IN URBAN REGION

MEDIBLE

OTHER IDEAS?

I would not change the name, even if the focus is on the Mediterranean Region.

Mediterranean Network to Promote Edible Urban Forests - Mediterranean Network to Promote Edible Landscapes Medible

We have a saying: "constant dripping wears the rock away". It works also with COST.

EDIBLE URBAN FORESTS

Mediterranean Network towards sustainable edible urban forests

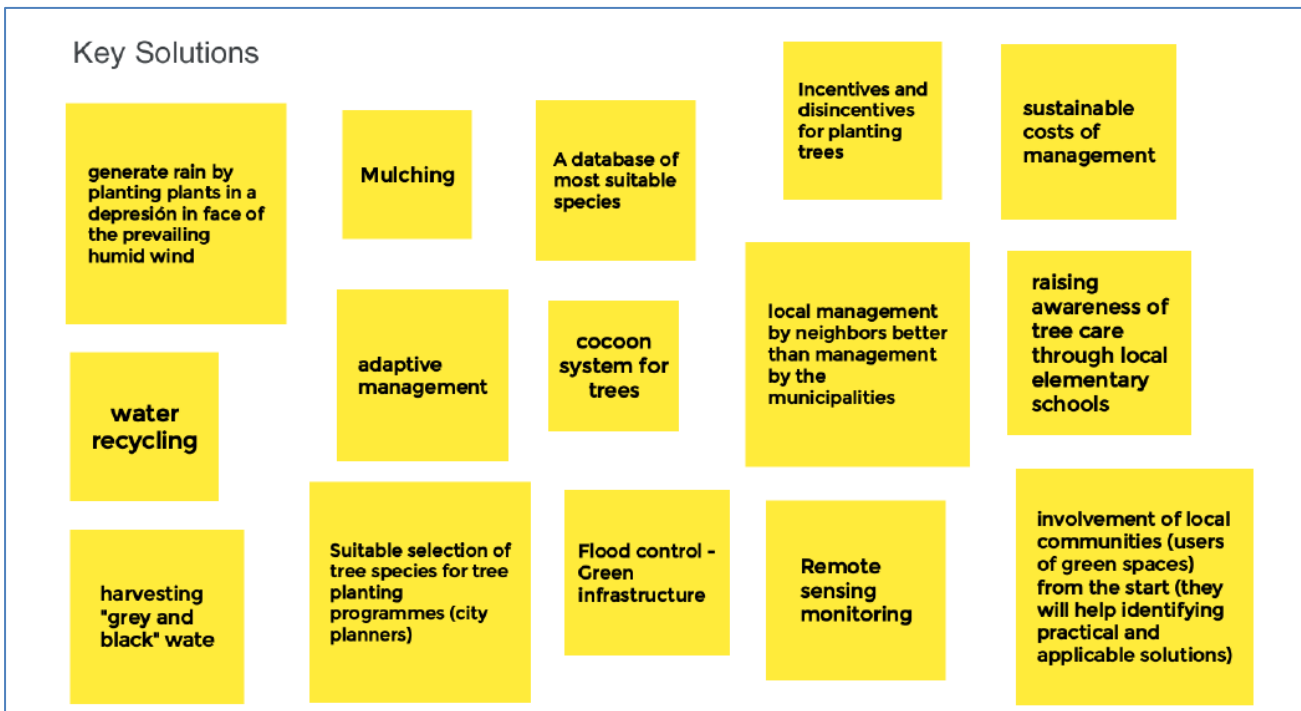
MEDIBLE UFORNET

Medible Forests

FORMEDIBLE

MedFor or ForMed

• Urban forestry in drylands: brainstorming session



Good Practices

From Cape Verde, the "pedagogical forests" of the FAO project, and a garden created as a result of the UPF project