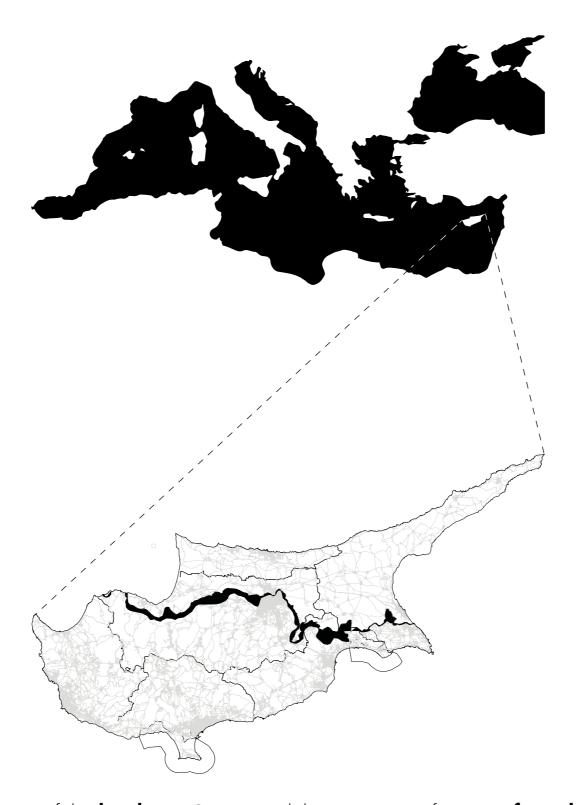
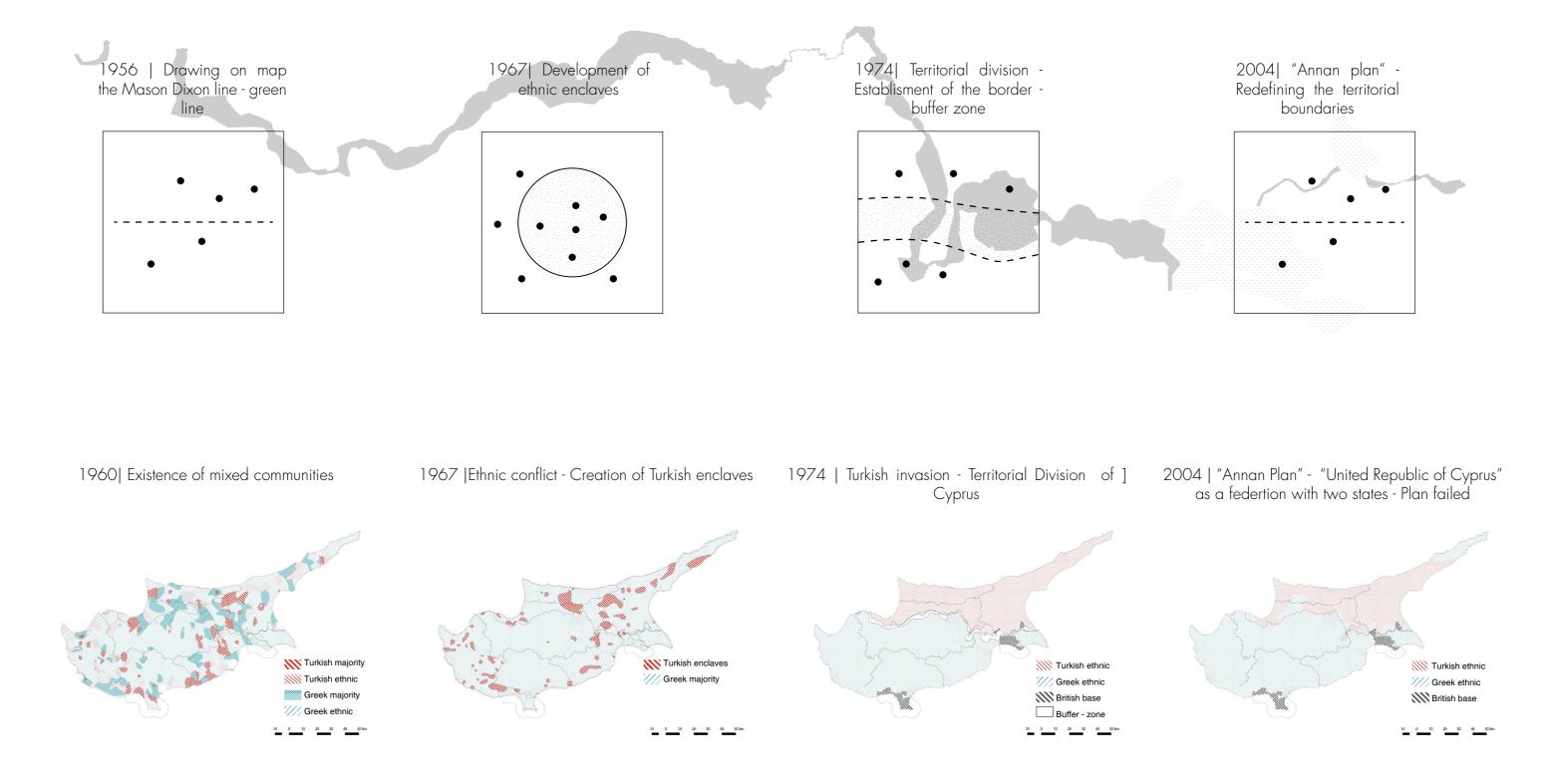


THE CASE OF CYPRUS

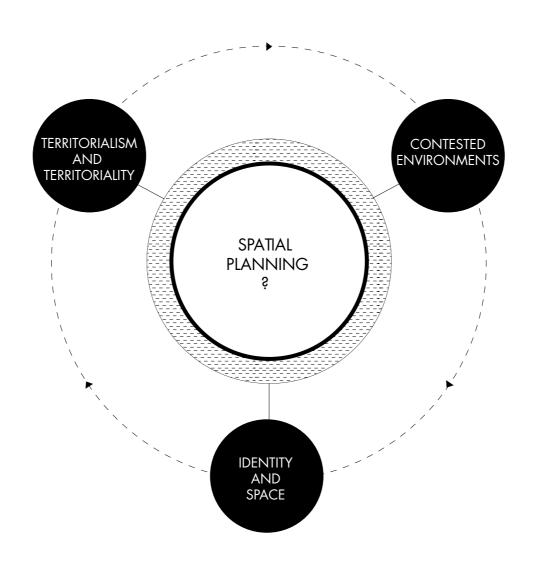


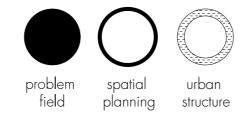
The existence of the **border** in Cyprus and the outcomes of its **transformability,** can pose as an example of the harmful aftermath of conflicted and contested territories, endorsed by territorialism.

Spatial development of the Conflict - Transformability of the border

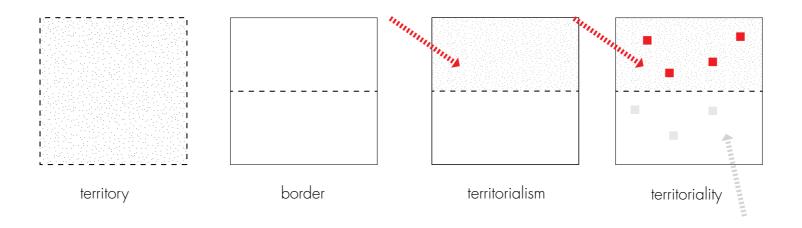


PROBLEM FIELD





TERRITORIALISM & TERRITORIALITY



Borders are the frontier between nation states, marking the ending of one **sovereign territory** and beginning of another. Authorities have **jurisdiction** and **responsibility** only within the territorial boundaries and they cannot intervene beyond the national-borders.

Splatial planning, is not reaching its full potential as it is **confined within closed territories** without challenging and reaching beyond its territorial confines, hence the case against the manifestations of **territorialism**.

CONTESTED ENVIRONMENTS



Forms of contested environments around issues of **pluralism** and **sovereignty**, that are connected to **ethno-national conflict** and **state legitimacy**.

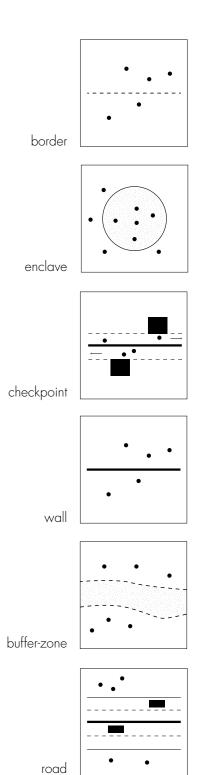
The use of **ethnicity** and **sense of citizenship** as a territorial approach, establishing a common political commitment that can lead to **conflict**.

CONFLICT INFRASTRUCTURE



Spatial fragmentation takes a **physical form** with the development of "**conflict infra-structure**". Indication of failure of the authorities to provide security.

This type of infrastructure is part of the **temporary measures** in case of conflict, but they tend to **become permanent**



RESEARCH AIM

The aim of the project is to **define new territorial cooperation** between the contested territories and create the opportunities for interaction and synergi between the two communities, while respecting the different identities.

Therefore, this framework will facilitate by bridging the territorial divides, inequalities and segregation creating the physical field for **co-existence** and **co-operation** between the two communities, with an increased focus on the environmental challenges, **activating sustainable development**.

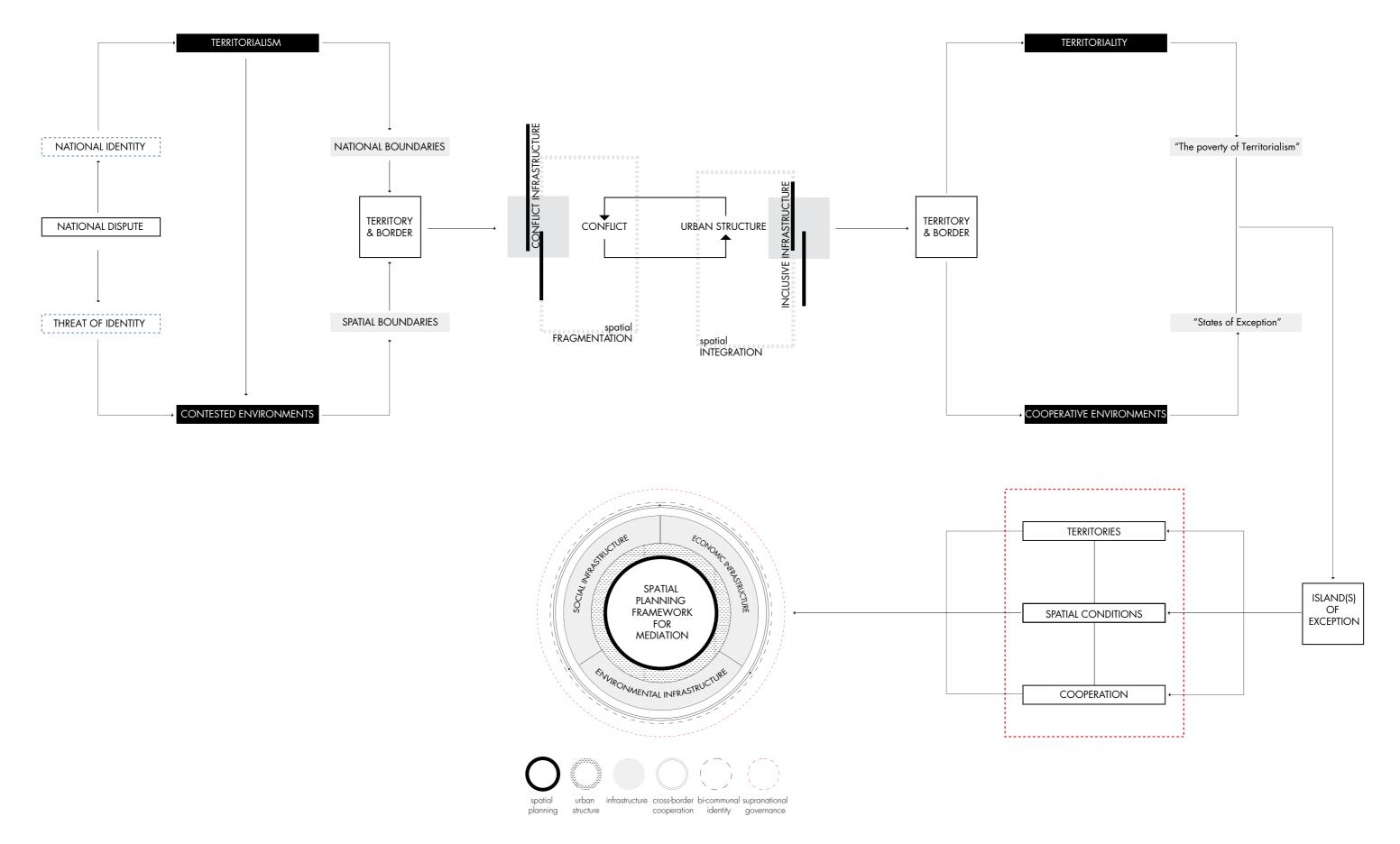




RESEARCH QUESTION

How can **bi-communal cooperation** and **sustainable development** be supported by **spatial planning**, in order to address the manifestations of **territorialism** within **contested territories** in Cyprus?

CONCEPTUAL FRAMEWORK



A spatial planning framework for mediation

"Territorialism" and "Territoriality" by A. Faludi (2018)

"State of Exception" by G. Agamben (1995, 2005)

A spatial planning framework for mediation

"Territorialism" and "Territoriality" by A. Faludi (2018)

Criticizes European spatial planning and he emphasizes that the different states need to reach beyond their territorial borders in order to develop.

-> territorial cooperation -> Neo medieval alternative

Considers whether territoriality, can exist at borders without territorialism -> example of border-stations during 17th century pandemic

Territorialism -> Excercise of control from a Sovereign power to a bounded territory

"State of Exception" by G. Agamben (1995, 2005)

A spatial planning framework for mediation

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Criticizes European spatial planning and he emphasizes that the different states need to reach beyond their territorial borders in order to develop.

-> territorial cooperation -> Neo medieval alternative

Considers whether **territoriality**, can exist at **borders** without **territorialism** -> example of border-stations during 17th century pandemic

Territorialism -> Excercise of control from a Sovereign power to a bounded territory

"State of Exception" by G. Agamben (1995, 2005)

Territories that are declared by the sovereign authority as exceptions, during periods of **political unrest** and **crisis**.

"State of exception" is the legal form of what cannot have legal form.

Sovereign power decides to suspend control over a territory

This standstill of law does not mean anomy but the exercise of law through a different sovereign authority -->

example of refugee camps

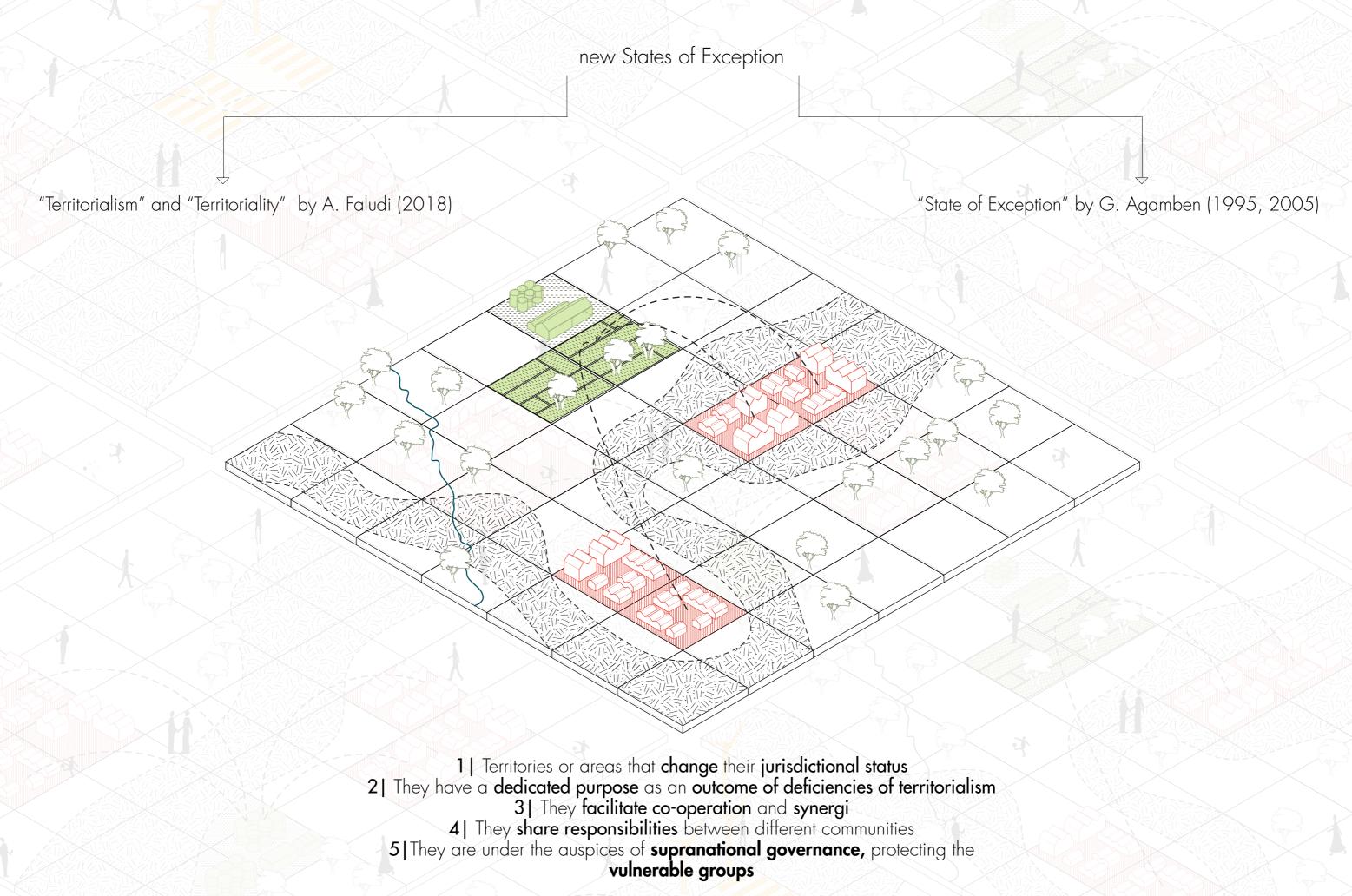
A spatial planning framework for mediation

"Territorialism" and "Territoriality" by A. Faludi (2018)

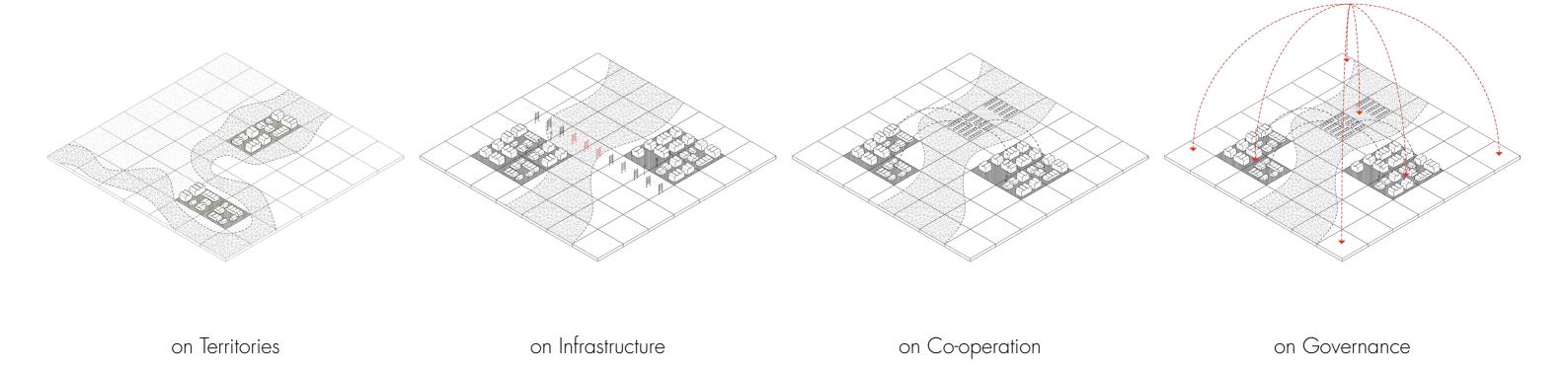
"State of Exception" by G. Agamben (1995, 2005)

Deliberates on whether borders can exist without territorialism and who has sovereign control over them.

Aims to define new territorial co-operation as new states of exception where the different communities share responsibility under the auspices of a supranational authorities, in order to become the mediating ground, in territories that are contested.



Introducing principles for new states of exception



ritorial status and become exceptions.

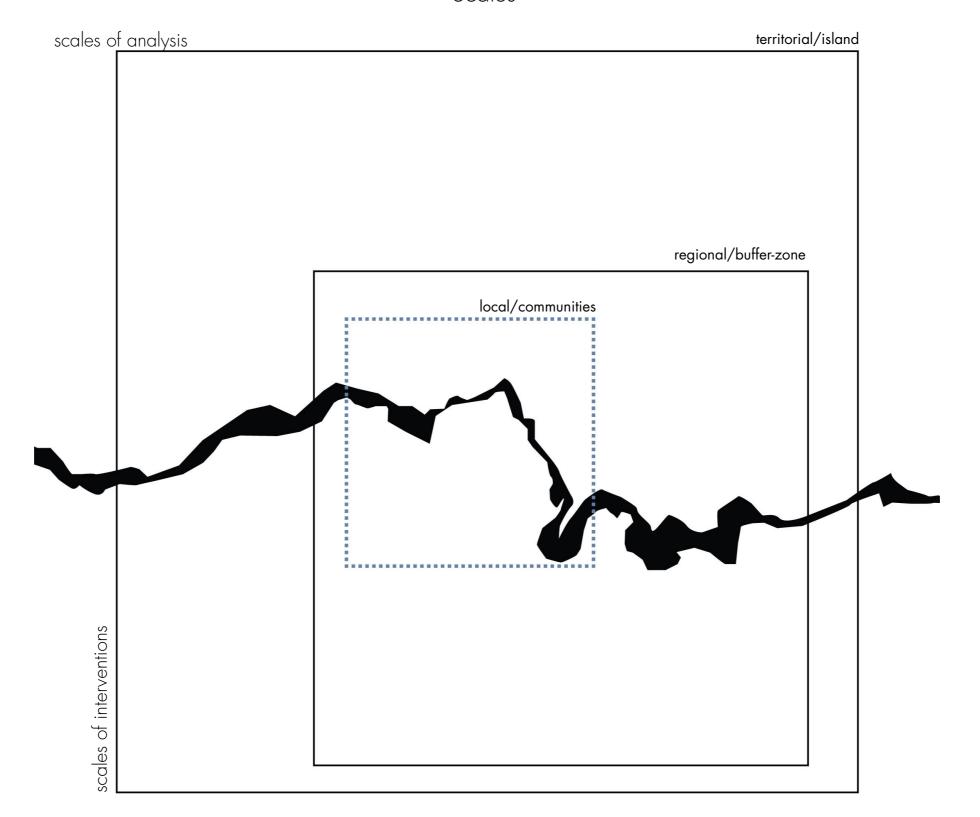
Identifies and examines the existing ter- Addresses the current state of infrastruc- Examines the existing infrastructure and Governance under the auspices of a new ritories in Cyprus and areas of different ture for possible co-operations and op- cooperations and their potential for inte- supranational sovereign authority with a

> and contested environments in order to become integrating.

the new states of exception

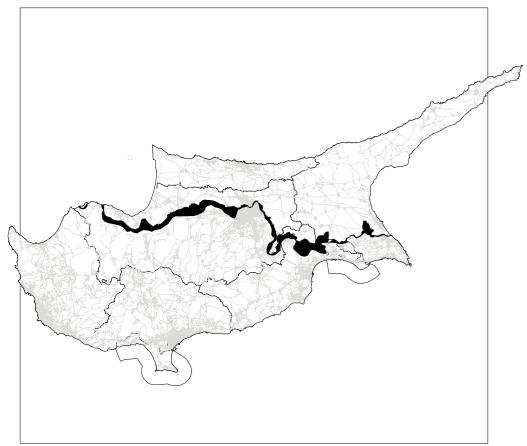
status portunities, gration. gration. mediating role, facilitating cooperation and providing safety to the vulnerable, ldentifies areas that can change their ter- Deliberates on the conflict infrastructure. Defines the domains of cooperation in without been affected by the different political conditions and tensions.

Scales

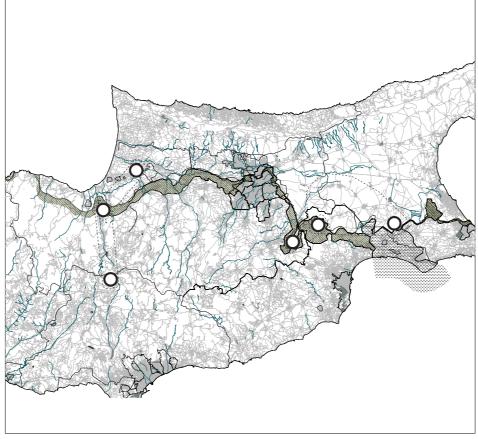


Scales

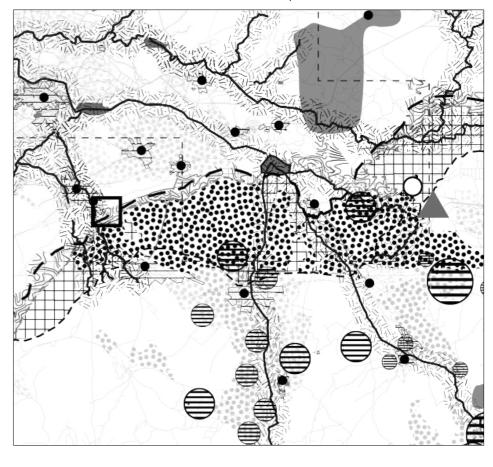
territorial/island scale



regional/buffer-zone scale



local/community scale



Concept

Multidimensional analysis

Conceptualizing the field of opportunities and overlapping of functional relations in order to develop **new states of exception** and **territorial cooperation**.

Strategy

Diagnosis on existing territories, cooperations and spatial conditions

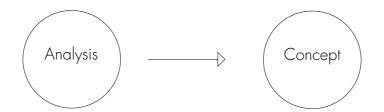
Developing strategies and defines the functional relations for the new states of exception and territorial cooperation.

Design

Design territorial cooperation

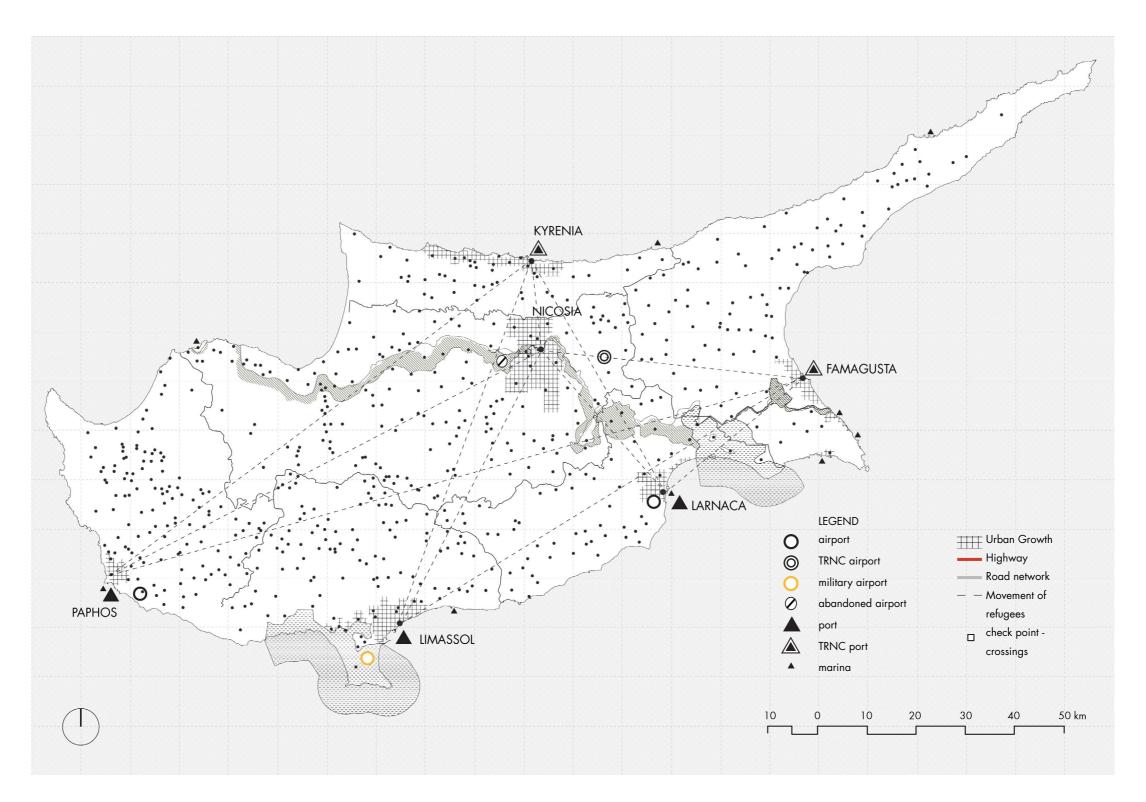
Illustrate the functional relations and infrastructural system of the proposed territorial co-operations.

Territorial/Island scale



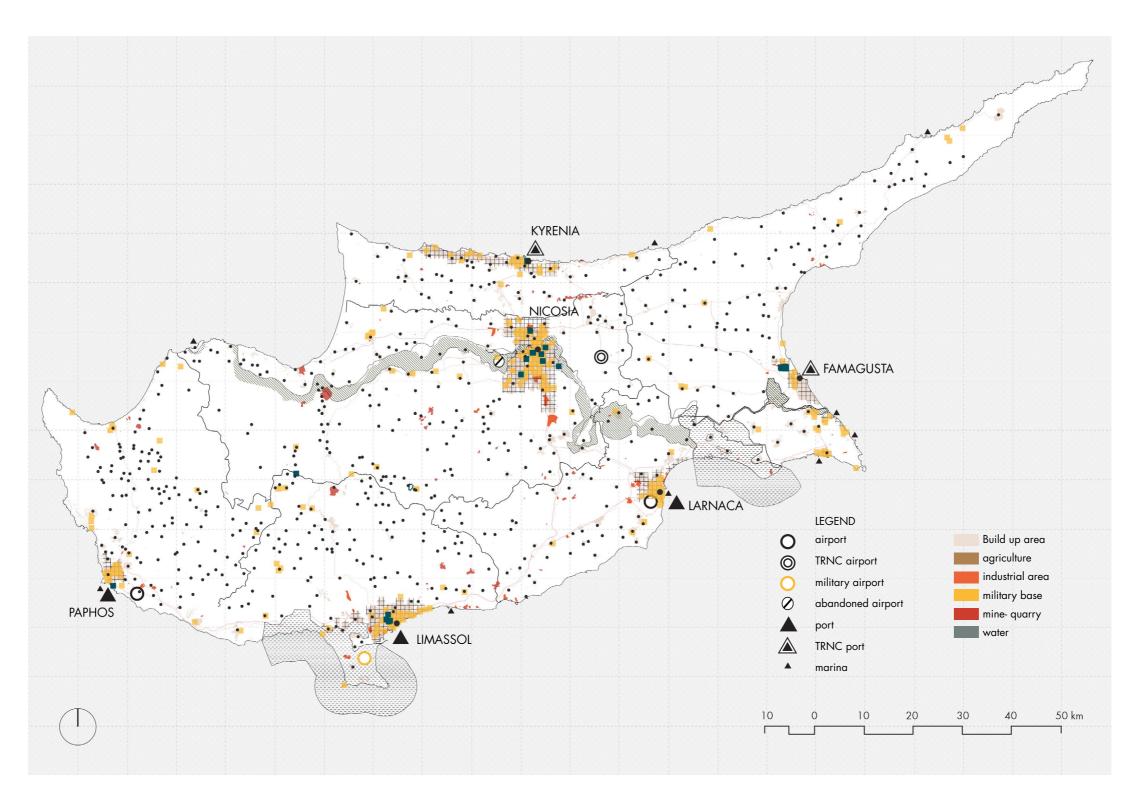
ANALYSIS

Spatial Outcomes of Bordering and Re-Bordering the Green Line



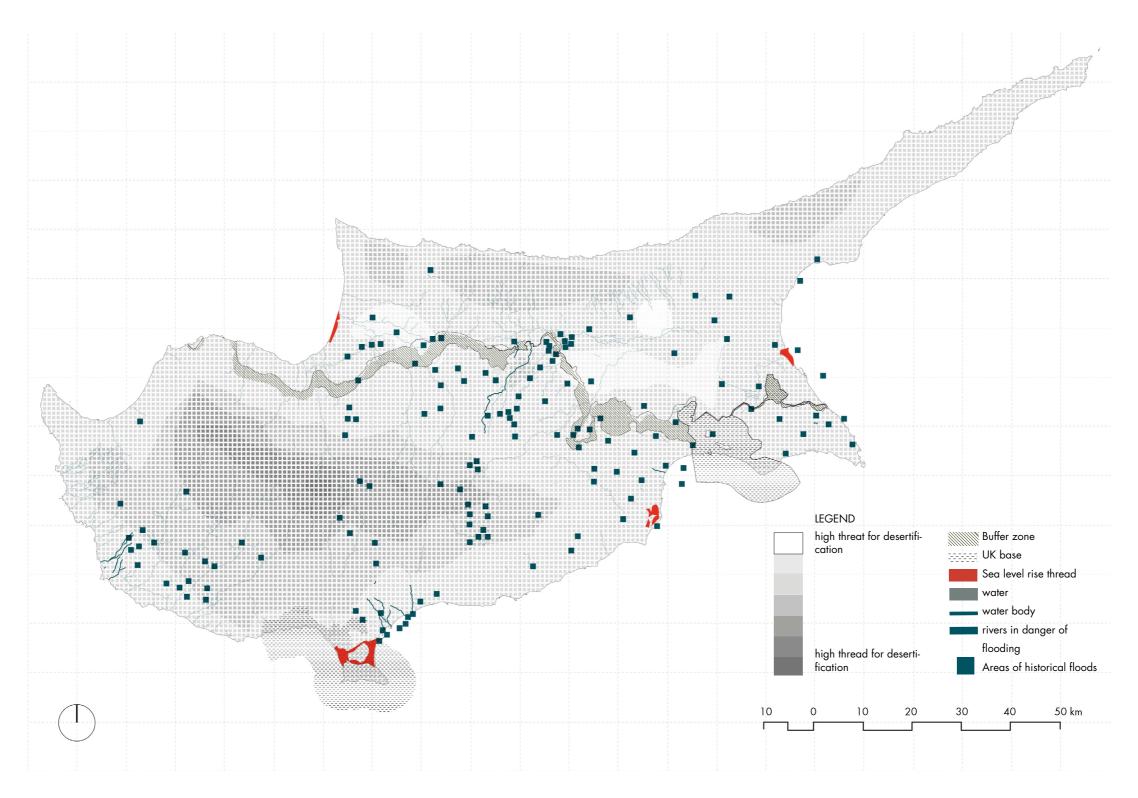
societal impact

Spatial Outcomes of Bordering and Re-Bordering the Green Line

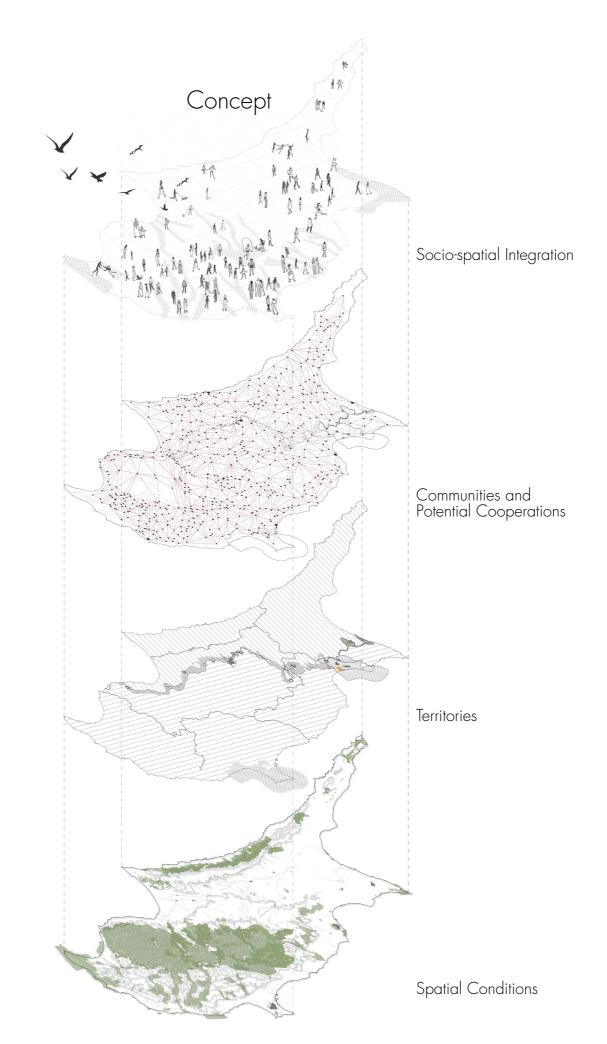


economic impact

Spatial Outcomes of Bordering and Re-Bordering the Green Line

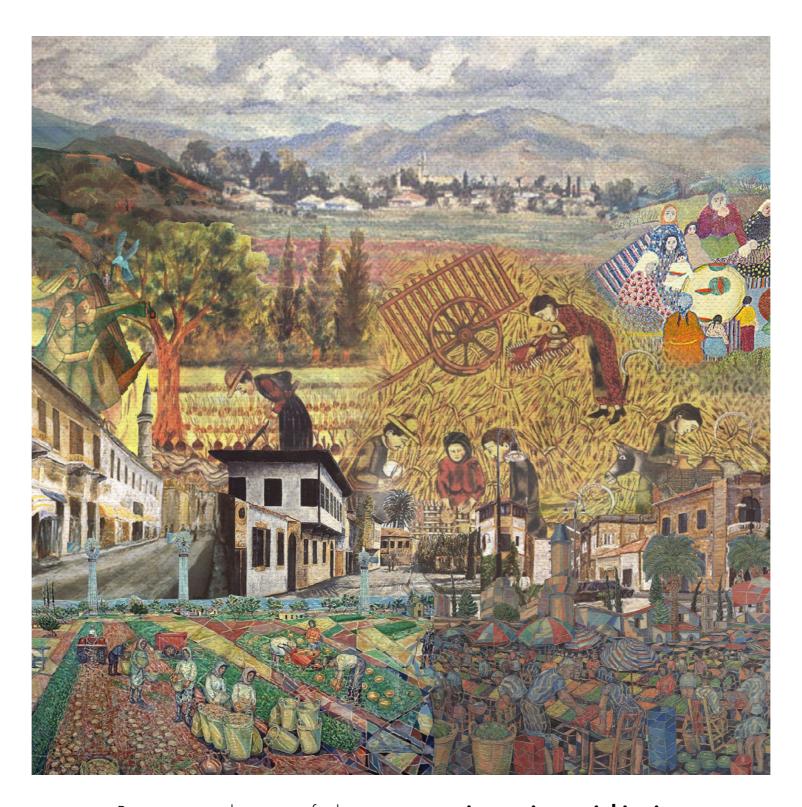


environmental impact



The project aims to define **new territorial co-operations** building upon **existing spatial conditions**, in order to achieve socio-spatial integration and **conflict mediation**.

bi-communal identity



Reconceptualization of identity in restoring socio-spatial justice.

A collective bi-communal identity build in the strong **sense of place**, perceiving the territory as a **shared space** dealing with s**hared environmental threats**.

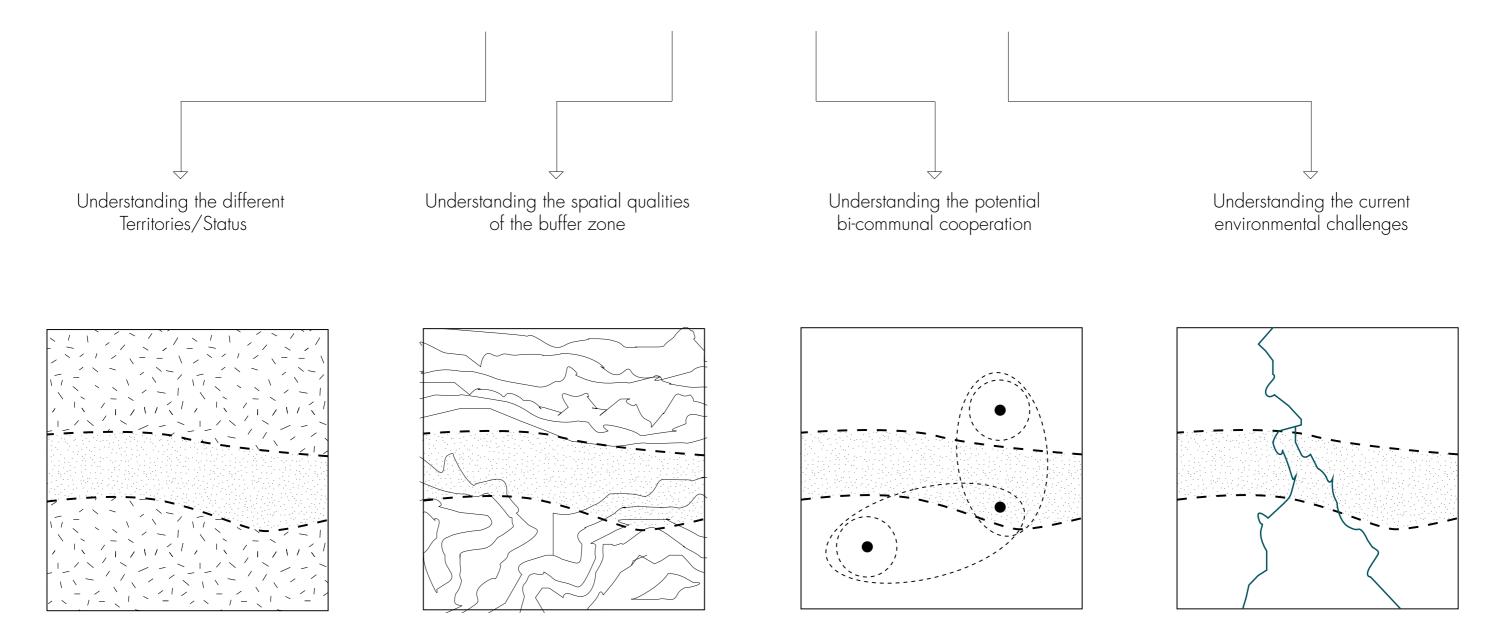
-> common goal and redefined character of the spatial planning system

From Territorial/Island scale to Regional/Buffer-zone scale



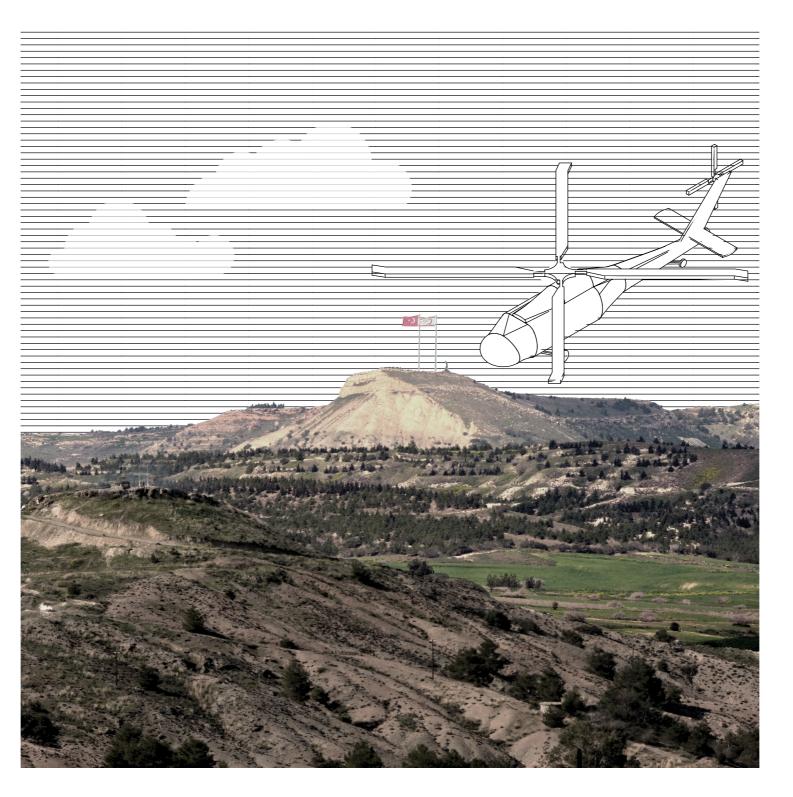


OBJECTIVES OF DIAGNOSIS



DIAGNOSIS

on TERRITORIES



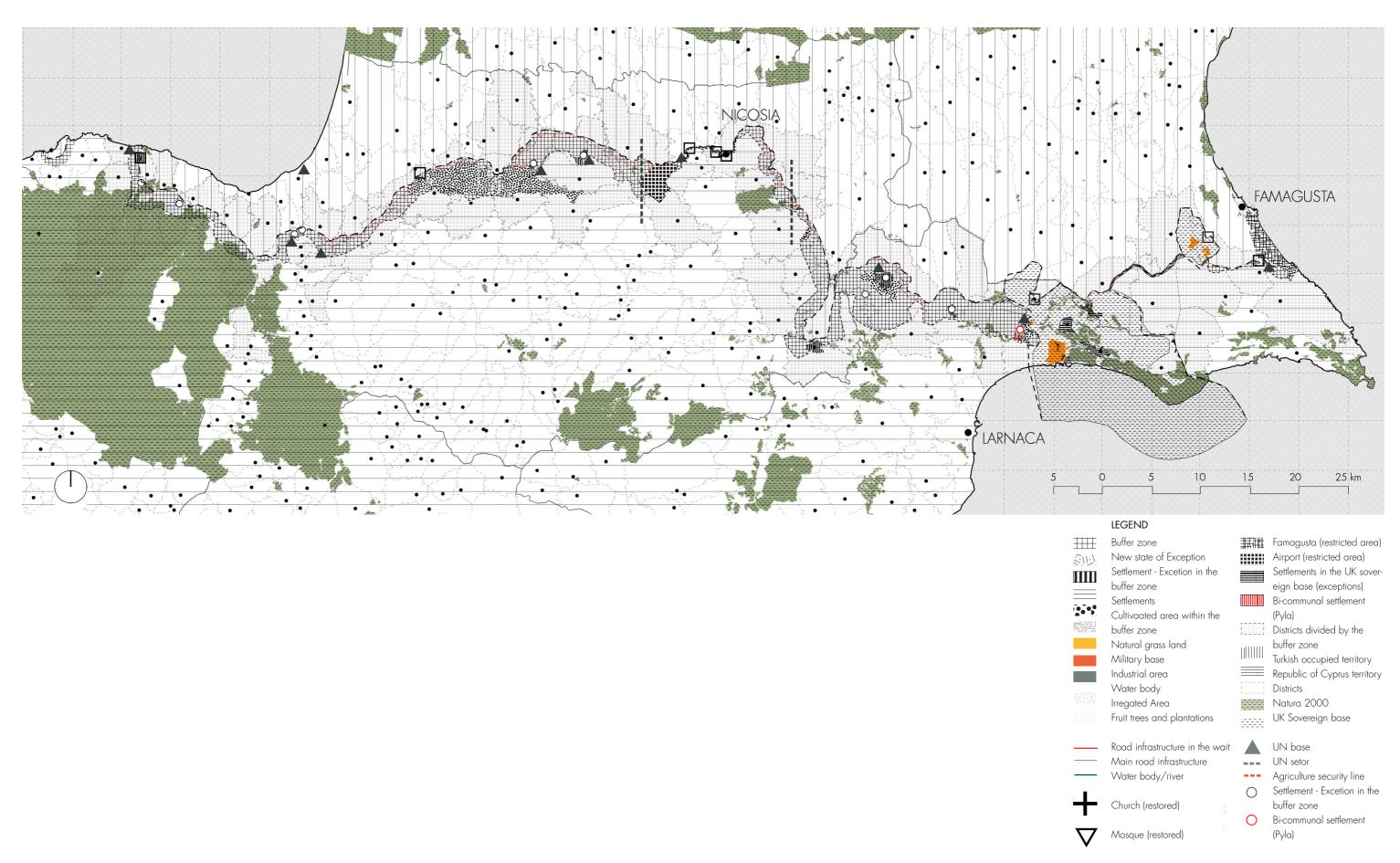
The is no regulation or resolution that defines the Buffer zone spatially. The Republic of Cyprus does not want to give to the buffer zone a spatial or physical existence by recognizing it as an **area of different status** were its jurisdiction can be challenged.

on Territories





on Different Territories and areas of different Status



on Spatial Boundaries of the Buffer Zone



There are no walls or fences to indicate the different status and there is no direct indication of its existence other than the check/cross-points, military camps and military guard posts.

on Spatial Boundaries of the Buffer zone

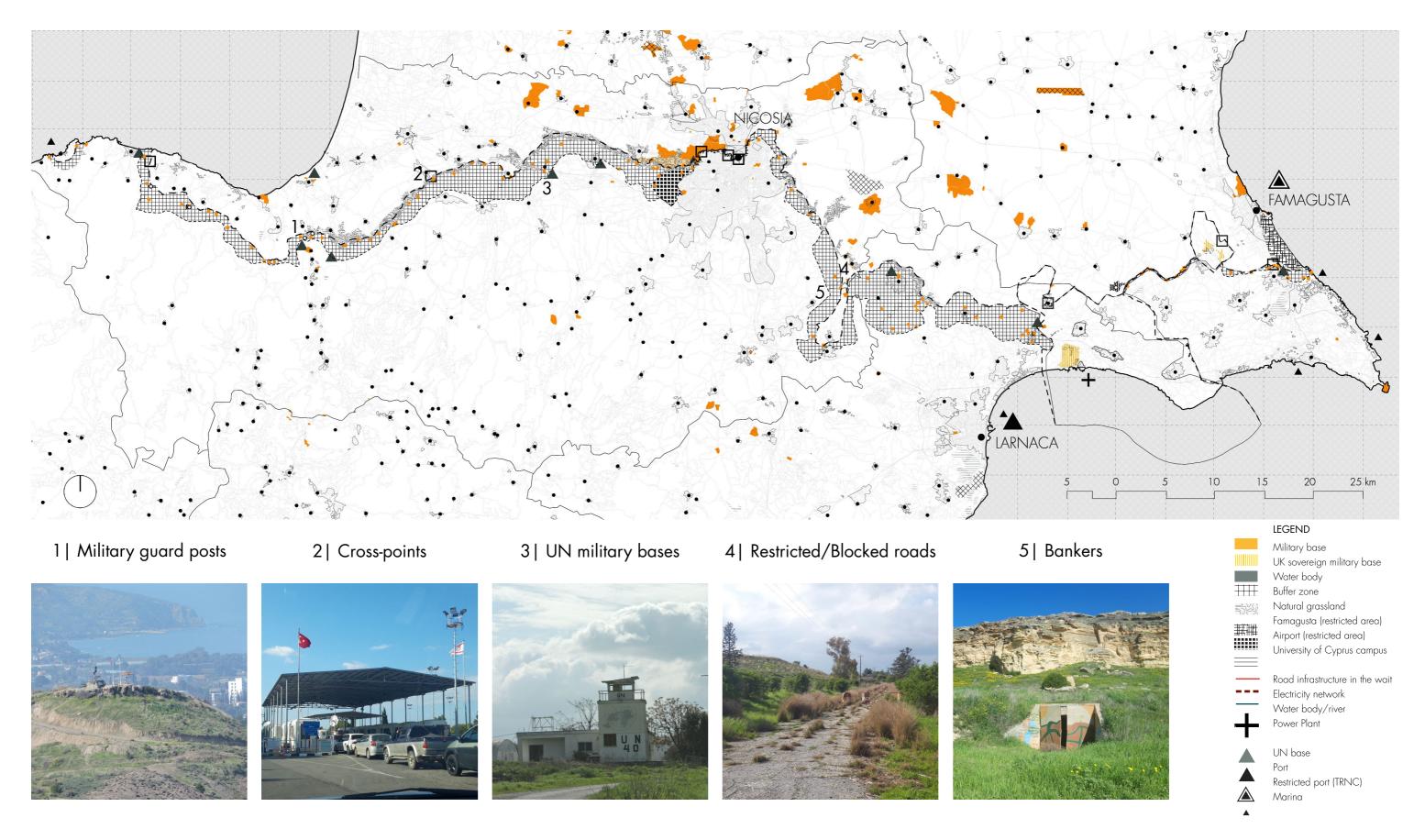


on INFRASTRUCTURE

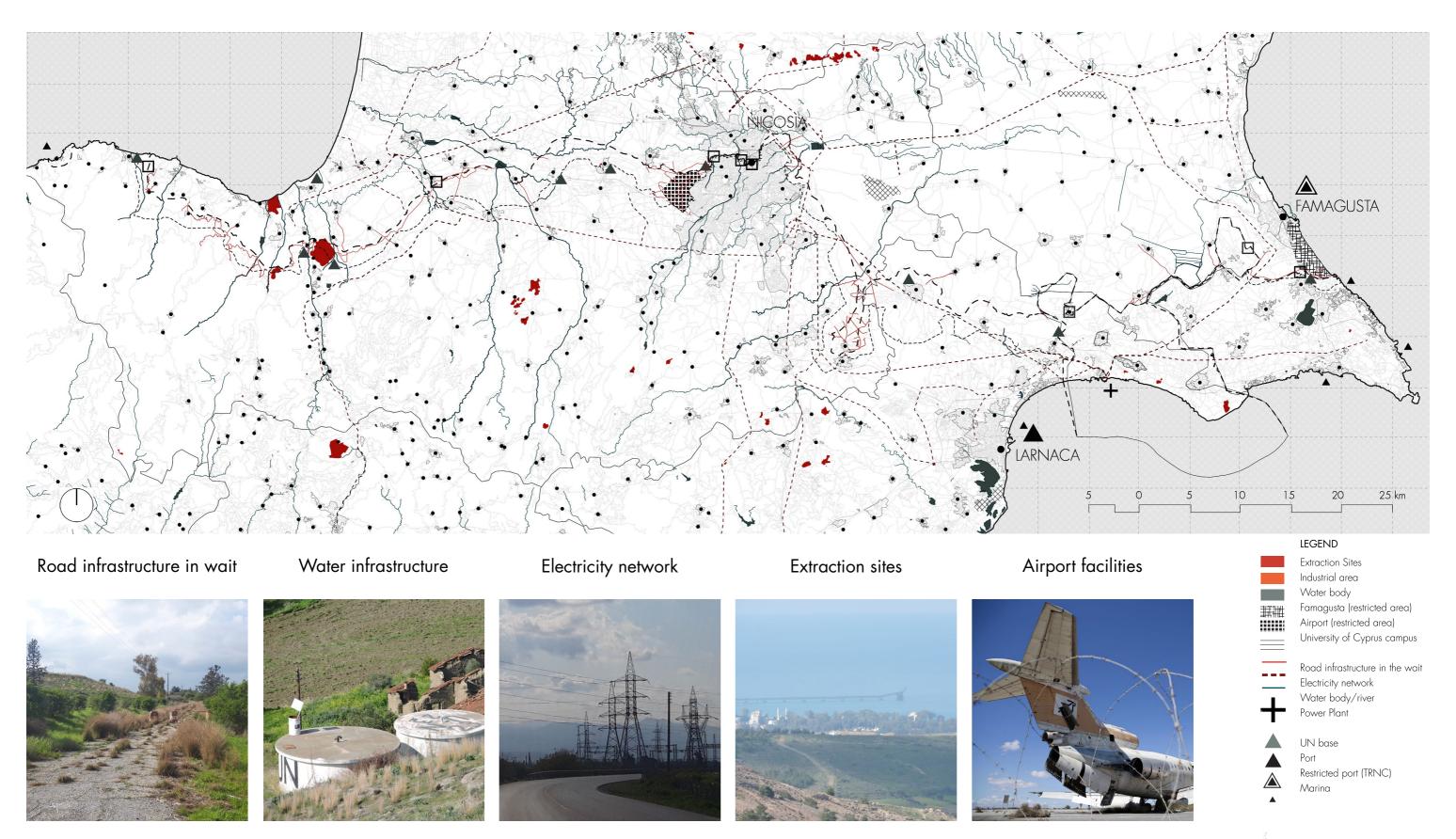


There is an **existing network** and **infrastructure** that aims to re-connect the two communities in case of a settlement of the Cyprus problem. Not all of these different infrastructures are in a good condition.

on Conflict Infrastructure



on Infrastructure in the wait

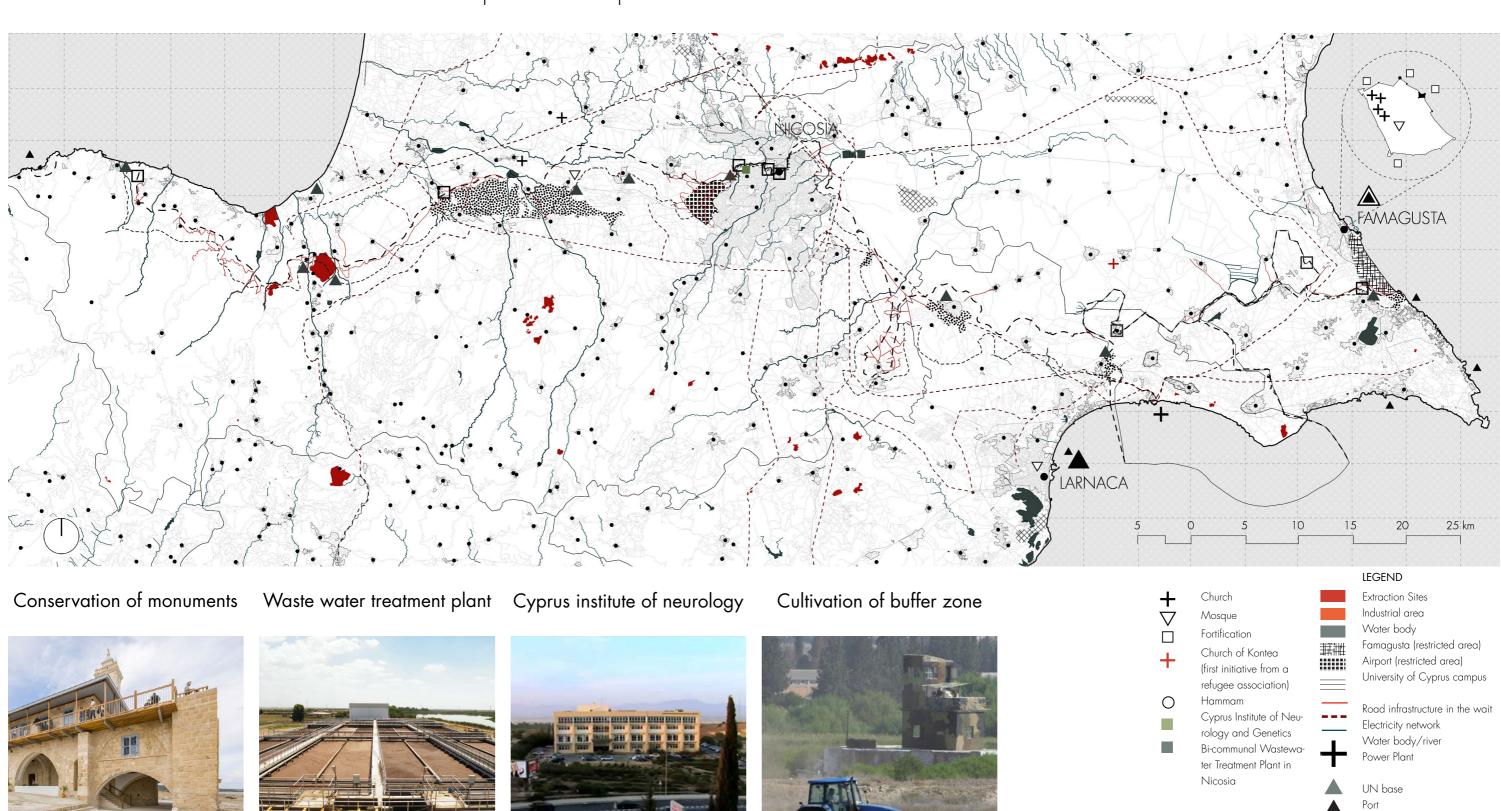


Types of possible cooperations



There are existing examples of co-operation, which are facilitated by the UNDP and supported economically by the European commission.

on Cooperation and potential infrastructural networks for re-connection



Restricted port (TRNC)

on ENVIRONMENT



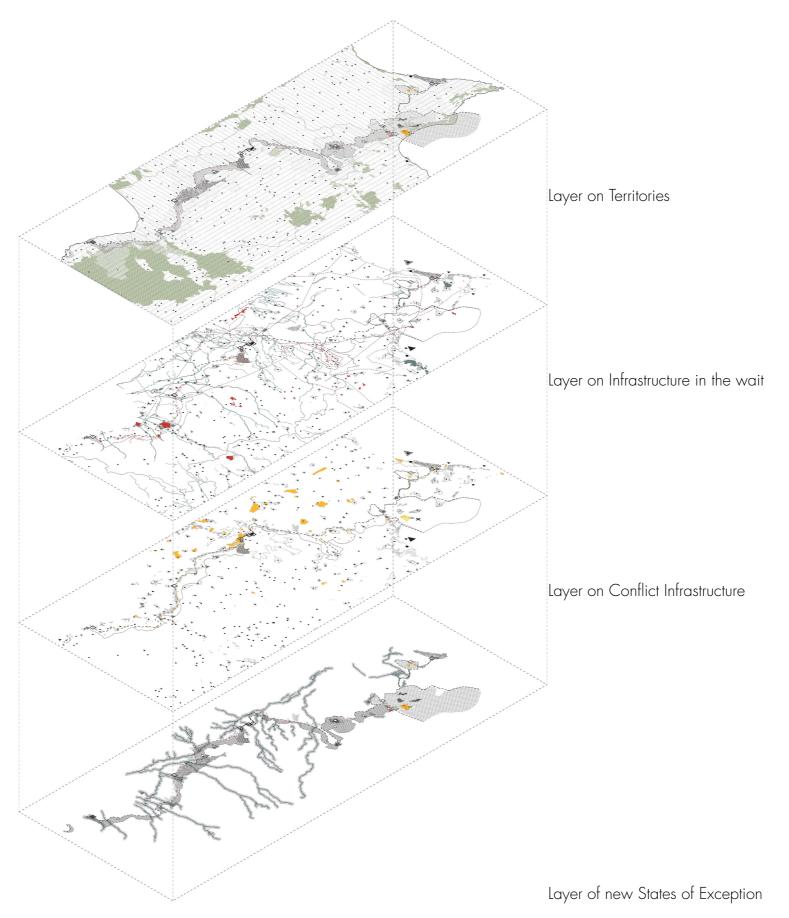
One of the biggest challenges that both communities are facing is the **climate change** and the affects it has on the environment. While there is an **existing co-operation** on the environmental challenges, it does not have a spatial form.

on Environment. Threats and Potentials

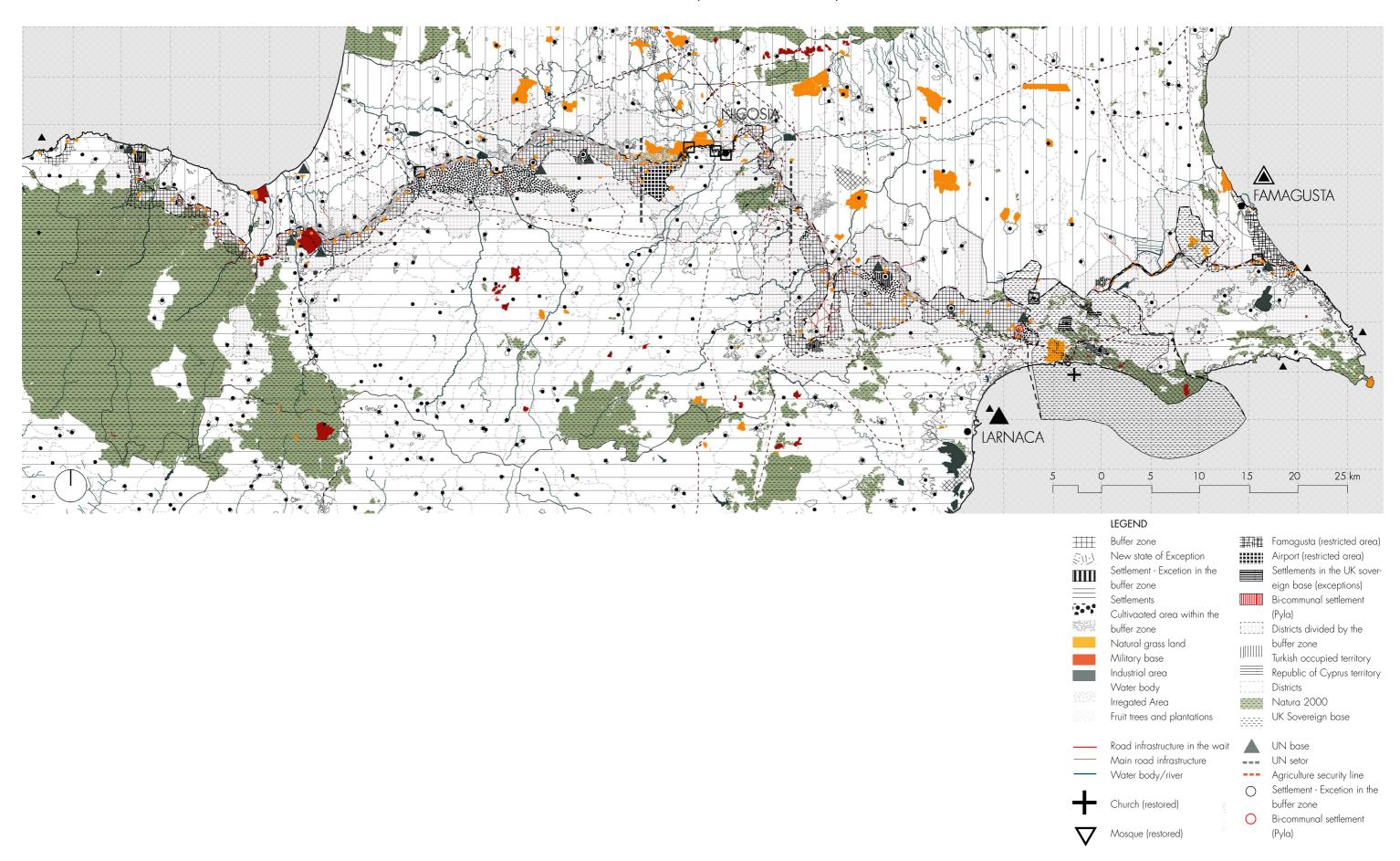


FROM DIAGNOSIS TO STRATEGIES

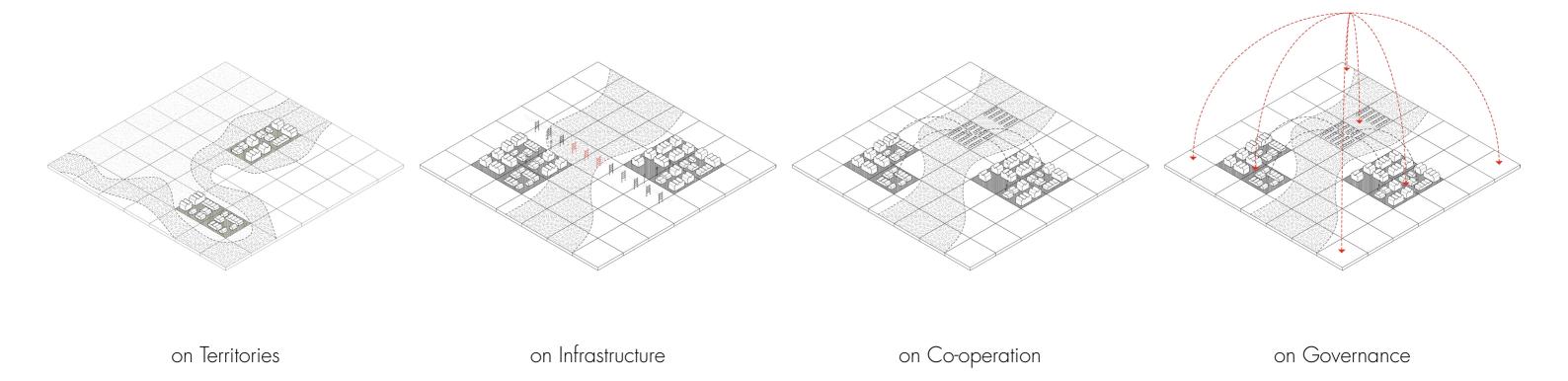
Method



Potential States of exception and Co-operations



Applying the principles for new states of exception to form Strategies

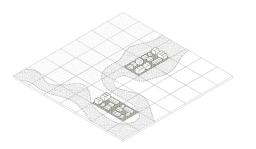


ritorial status and become exceptions.

Identifies areas that can change their ter- Addresses the current state of infrastruc- Defines the domain of cooperation Governance under the auspices of a suportunities,

ture for possible co-operations and op-through environmental management shift-pranational sovereign authority that has ing economy and society.

a mediating role, facilitating cooperation and providing safety to the vulnerable, without been affected by the different political conditions and tensions.



Buffer Zone - State of Exception

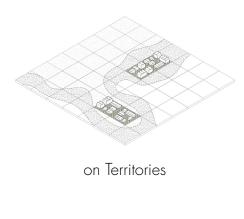
on Territories



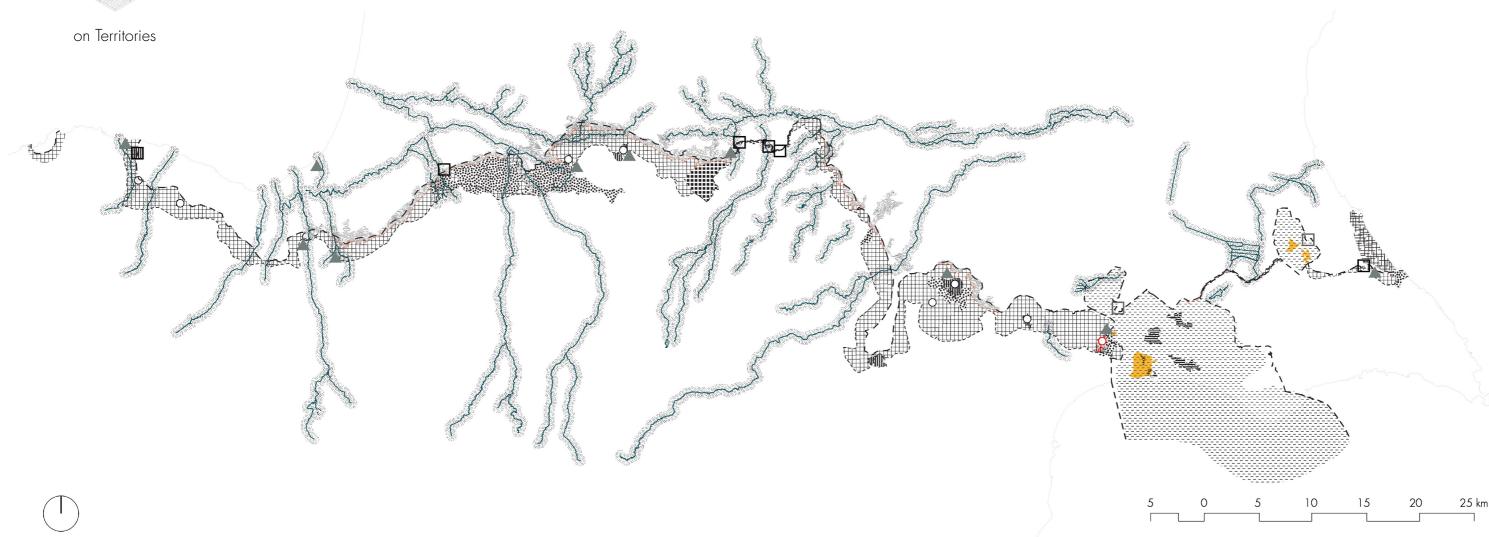
LEGEND

Buffer zone New state of Exception Settlement - Excetion in the \mathbf{IIII} buffer zone Settlements Cultivaated area within the buffer zone Water body Irregated Area Fruit trees and plantations Wind Energy potential Water body/river Settlements in the UK sovereign base (exceptions) Bi-communal settlement (Pyla) UK Sovereign base

Settlement - Excetion in the buffer zone



New States of Exception - Water Element



Water element is a component that connects all the systems together and passes through the different territories

The approach it has been managed by the two different states has been part of the **deficiencies of territorialism**.

Spatial planning framework-> the rivers and water bodies that are passing through the different territories, are considered as **new states of exception** were their development and management is part of a **bi-communal cooperation**.

LEGEND

Buffer zone

New state of Exception

Settlement - Excetion in the buffer zone

Settlements
Cultivageted

Cultivaated area within the buffer zone

Water body Irregated Area

Fruit trees and plantations
Wind Energy potential

Water body/river

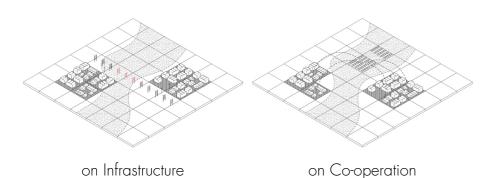
Settlements in the UK sovereign

Settlements in the UK sovereign base (exceptions)
Bi-communal settlement (Pyla)

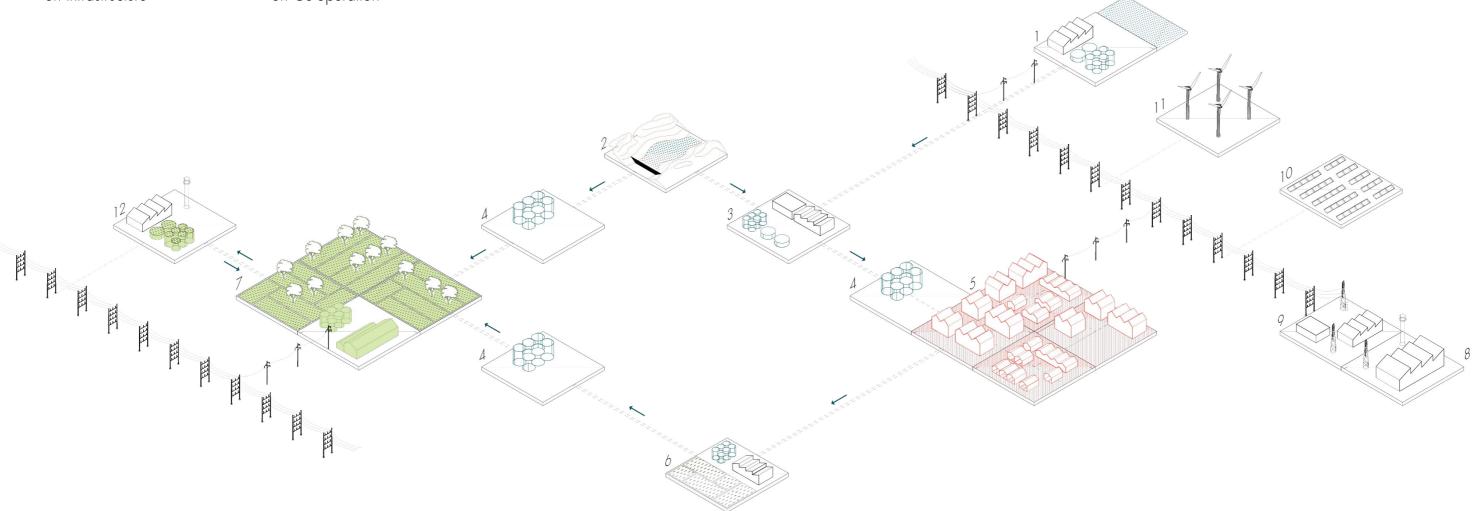
UK Sovereign base

Agriculture security lineSettlement - Excetion in the buffer zone

Bi-communal settlement (Pyla)



Existing Infrastructure - Water Supply System



Water is one of the biggest problems in Cyprus and it has an **impact in different domains** and **infrastructural systems**.

Water supply:

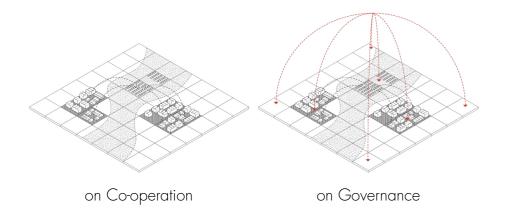
for irregation purposes

-> connection with **Agriculture** -> use water more efficient (less water consuming crops) and establish co-operation

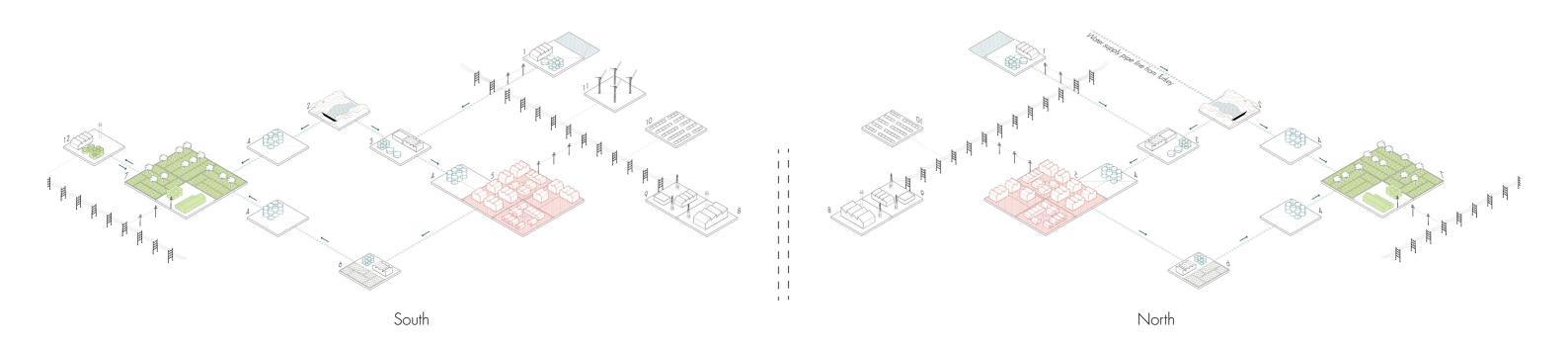
for human consumption and drinking water -

-> connection with **Energy** -> dessalination plants -> High energy consumption -> implementing renewable sources of energy -> produce what needs to be consumed

- Desalination Treatment Plant (Government water works)
- **2.** Dams Water storage (Government water works)
- 3. Water Treatment plant (water purification, filter and control to become clear for human consumption/drinkable)
- 4. Water tanks Storage and Distribution (managed by local water supply authority)
- **5.** Community (Urban area or settlement -> consumers)
- **6.** Wastewater Treatment plant
- **7.** Irrigation purposes (agriculture cultivation, livestock)
- 8. Power Plant
- **9.** Substation for high voltage transmission
- 10. Solar power park
- 11. Wind power farm
- **12.**Biomass plant



Imbalance between the two communities

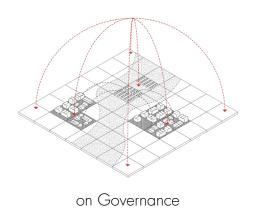


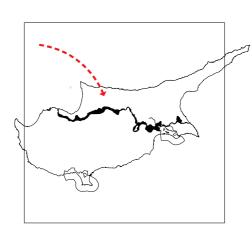
Management of water with **juxtapose impact** on the different territories -> consequences to the ecosystem and water distribution in both communities.

The water system is identified as domain for a change of territorial status and build territorial co-operation between the two communities.

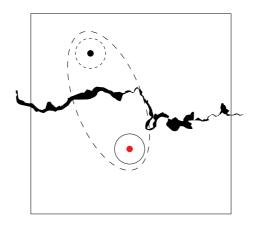
- 1. Desalination Treatment Plant (Government water works)
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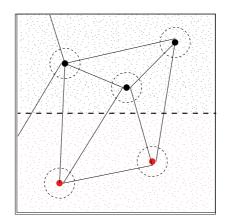




Supranational authority as a new supranational sovereign mediator



Bi-communal diplomatic body Representing the interests of the two communities



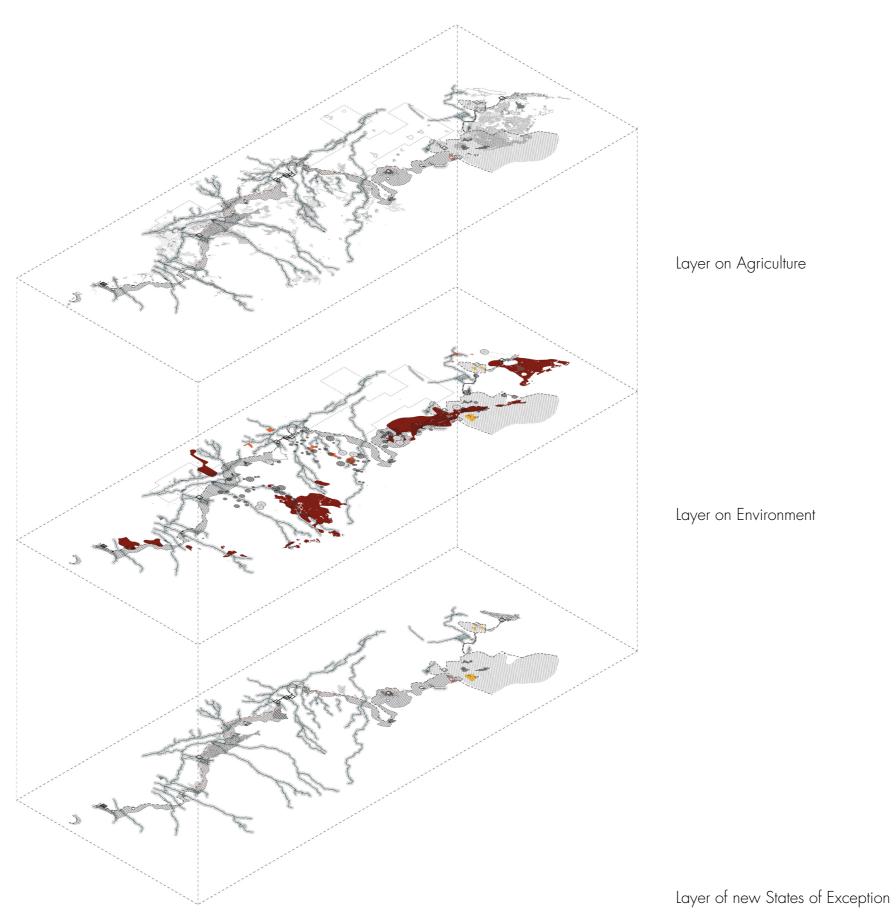
Local communities and actors Transparency in the process of planning

Need for a more prominent **supranational governance** that will have a **mediating role** facilitating this territorial co-operation, providing at the same time safety to the vulnerable communities.

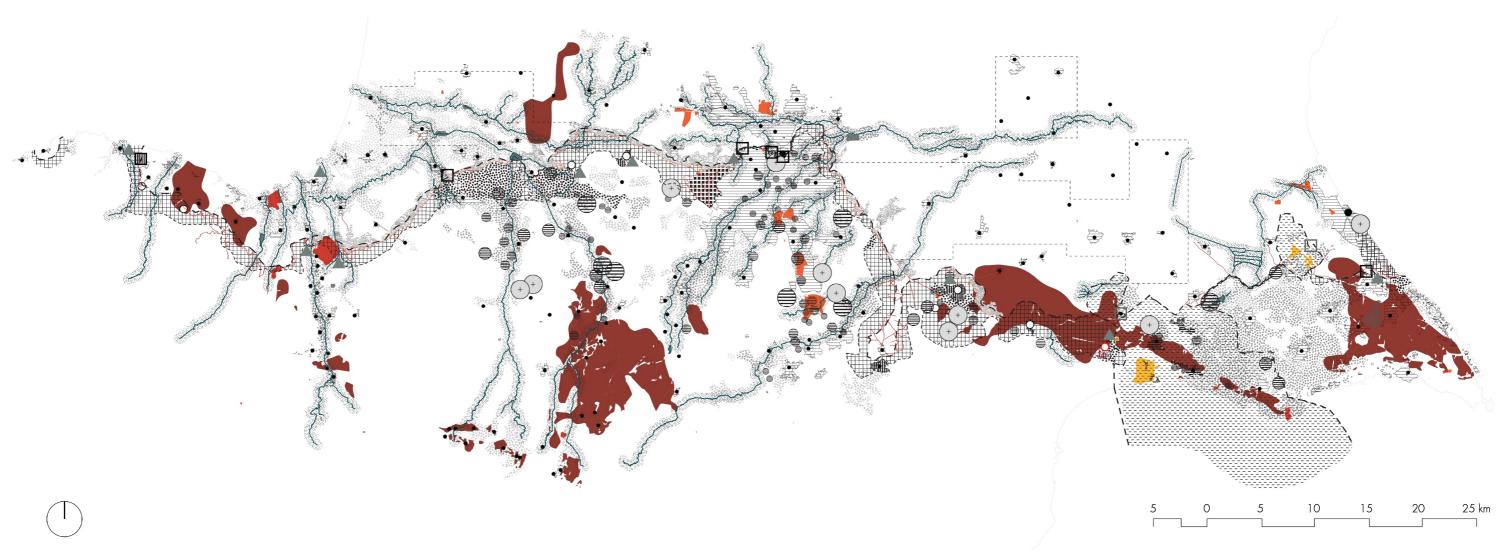
Imperative role -> maintain peace and territorial co-operation between the two communities,

Rgulatory role in order to protect the interest of both communities from outside investors and actors.

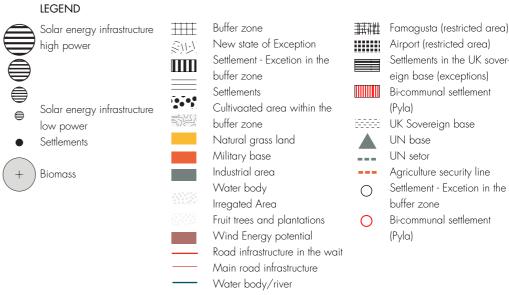
Method



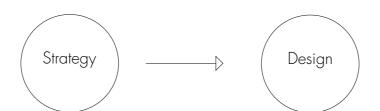
New States of Exception - Potential Co-operation

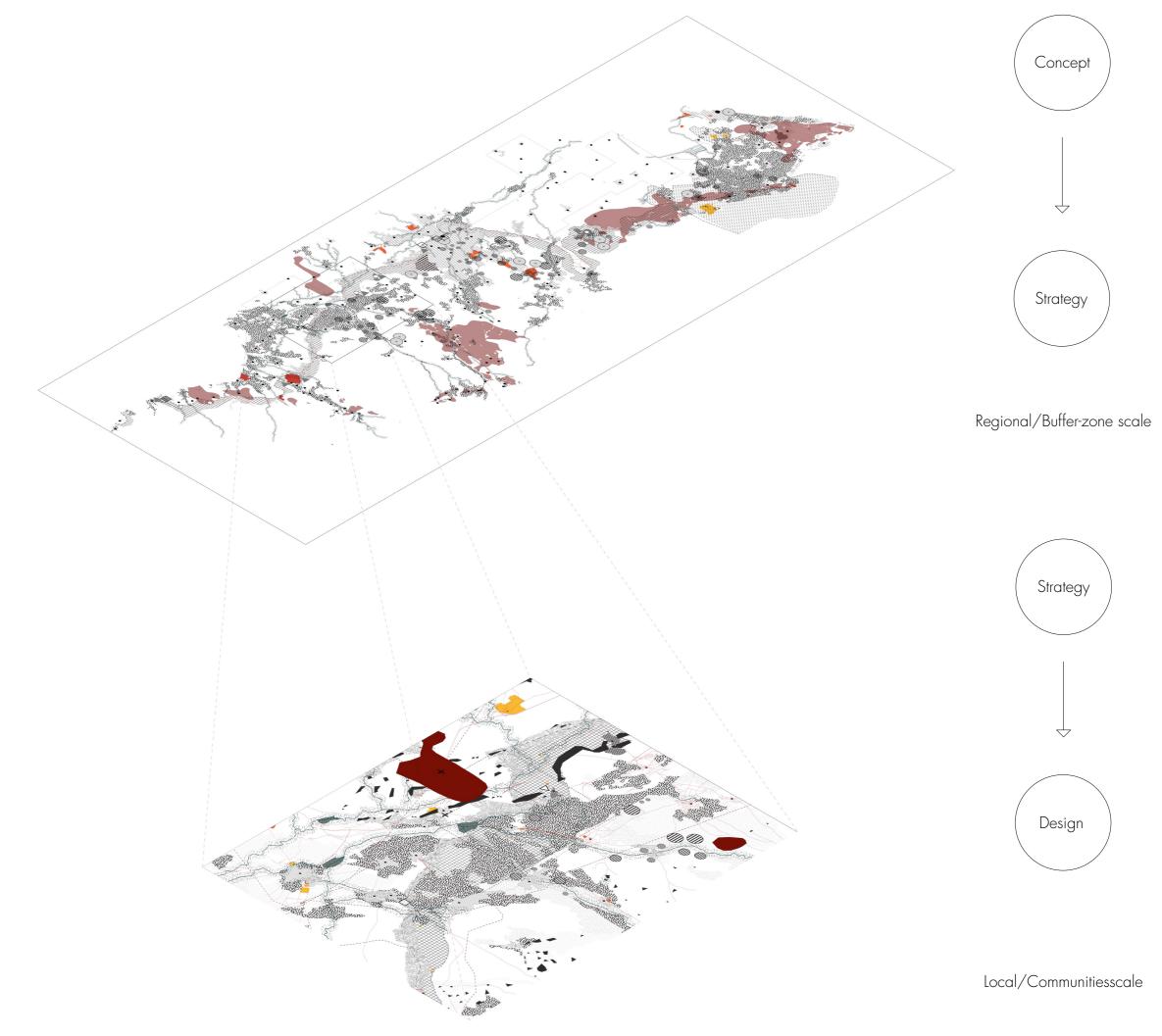


- 1. Define the water element that passes through the territories as new states of exception
- **2.** Establish **bi-communal co-operation** in the **environmental domain** -> Water management, Agriculture, Energy, extraction sites
- 3. Activate sustainable development in order to address the common environmental threats
- 4. Identify existing infrastructure to create an integrated infrastructural network
- 5. Define supranational authorities to mediate and facilitate the co-operation

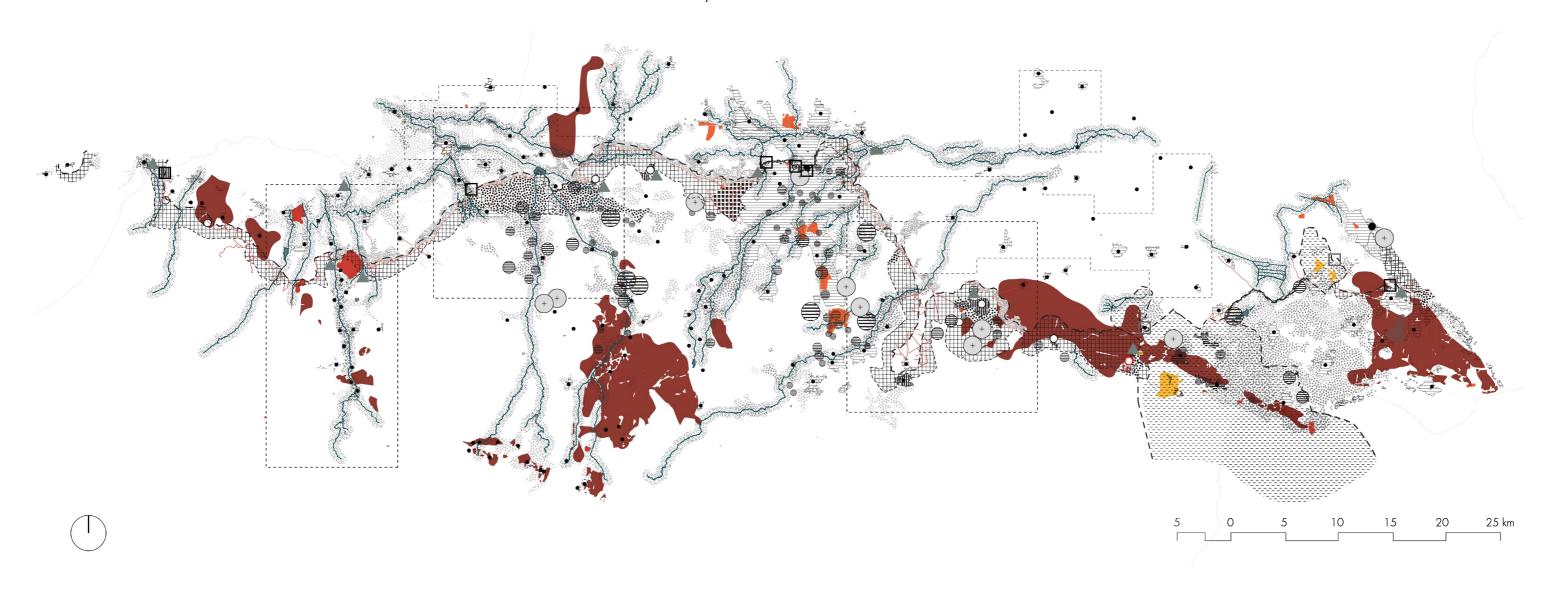


From Regional/buffer zone scale to Local/Communities scale



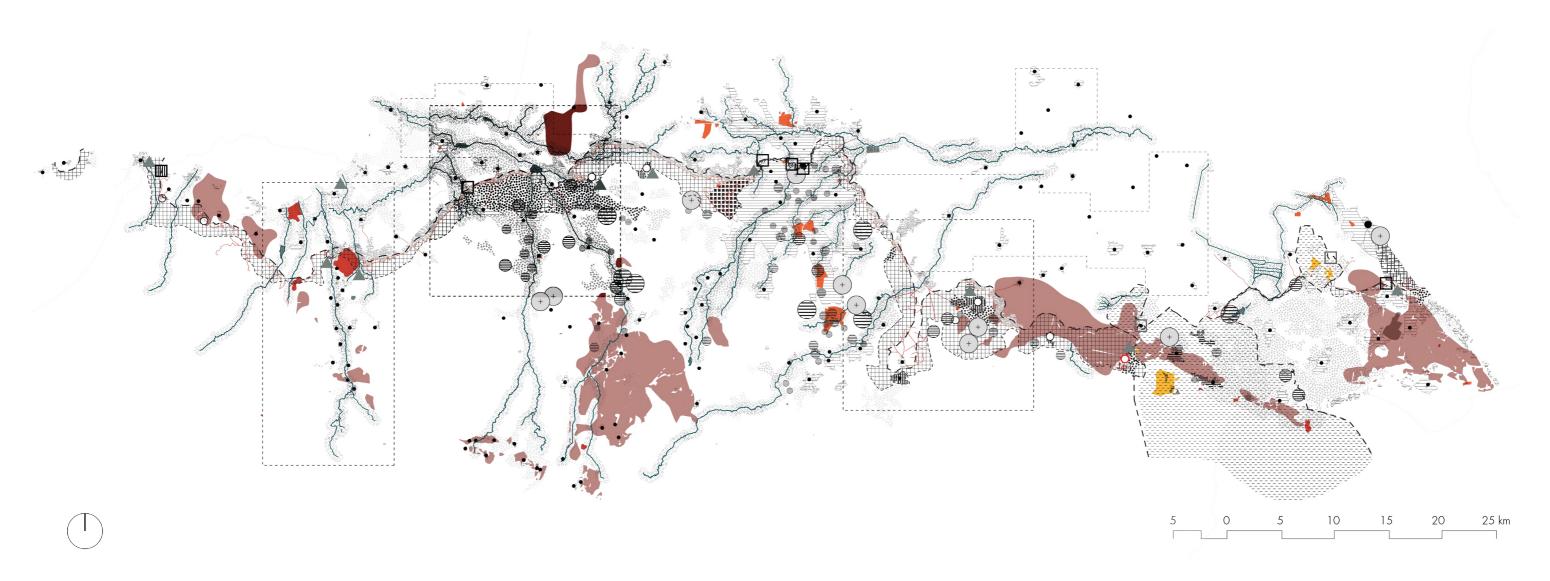


Key location Criteria



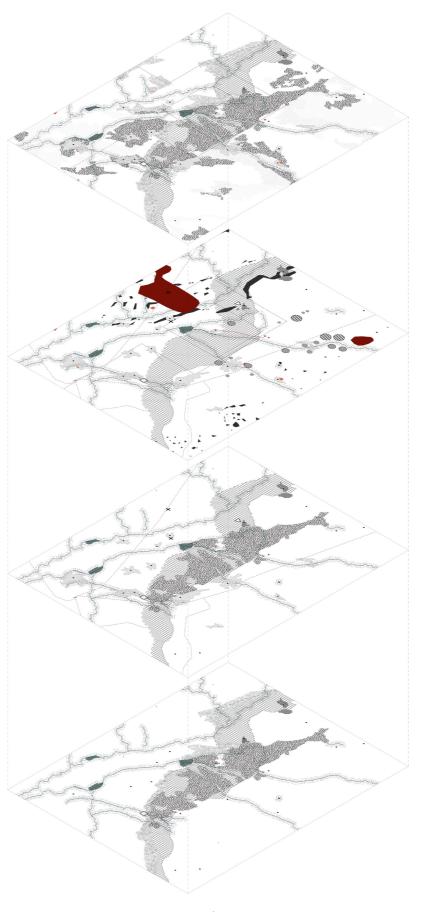
- 1 | The location should be at an area that was impacted by the territorial divide
- 2 | The location should be at areas that were affected by the environmental pressures
- 3 | The project should identify areas with potential functional relations between the two communities
- 4 | The projects should benefit and be a collaborative activity between the two communities -> field of opportunity for interactions between the two communities in order to build trust and rapport
 - 5 | The project should stimulate the local economic activity (motive of cooperation) and advocate enironmental development (goal/challenge)
 - 6 | It should be in connection to communities and settlements were the population is willing to cooperate.
 - 7 | The project should be under the auspices of Supranational authorities as a mediator between the communities.

Design Location



- 1 | Consists of multible areas of different status, therefore it hinters on the principle on Territories.
- 2| It is one of the areas most affected by the environmental pressures -> high threat of desertification
 - 3| This environmental threat it is interrelated to the water system in the area, and
- -> possible outcome of the several water storages dams that affected and altered the flow of the rivers and salination of ground water resorces
 - 4 | Existence of several functional relations with different possibilities,
 - -> existing agricultural and cultivation zone in the buffer zone and the renewable energy potentials.
 - 5 | Existence of the crossing point of Astromeritis Zodhia,
 - -> considering the border permeability and transformation of conflict infrastructure.

Method

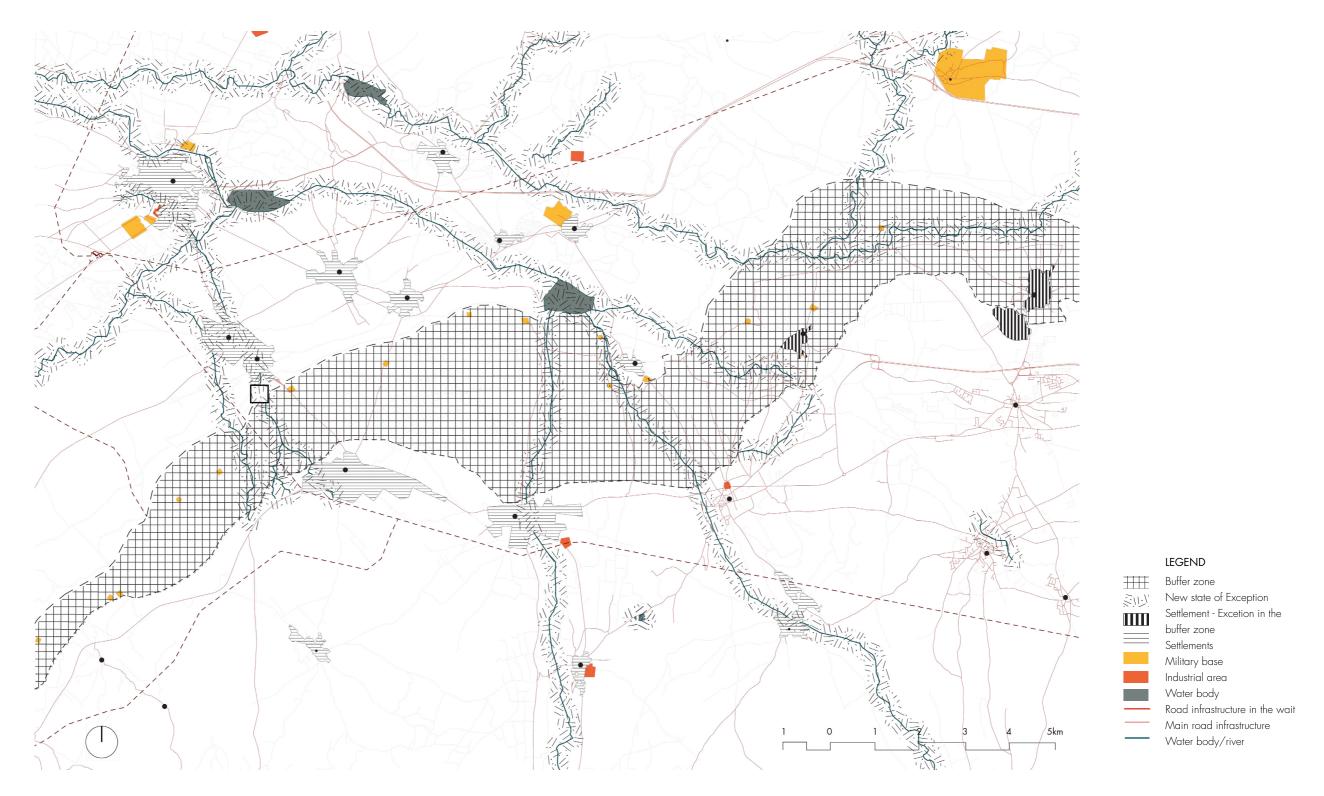


Layer on Agriculture

Layer on Environment

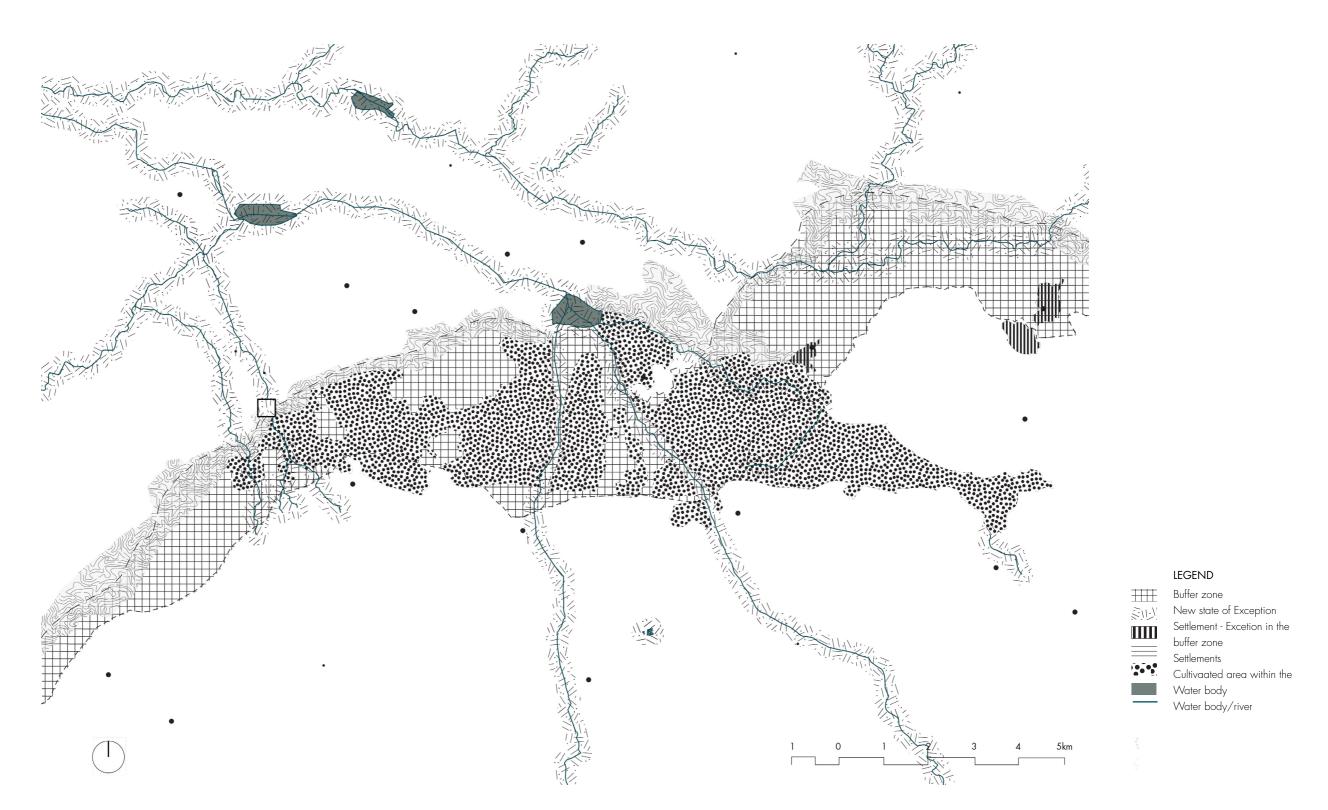
Layer on Cooperation

Existing Spatial Conditions



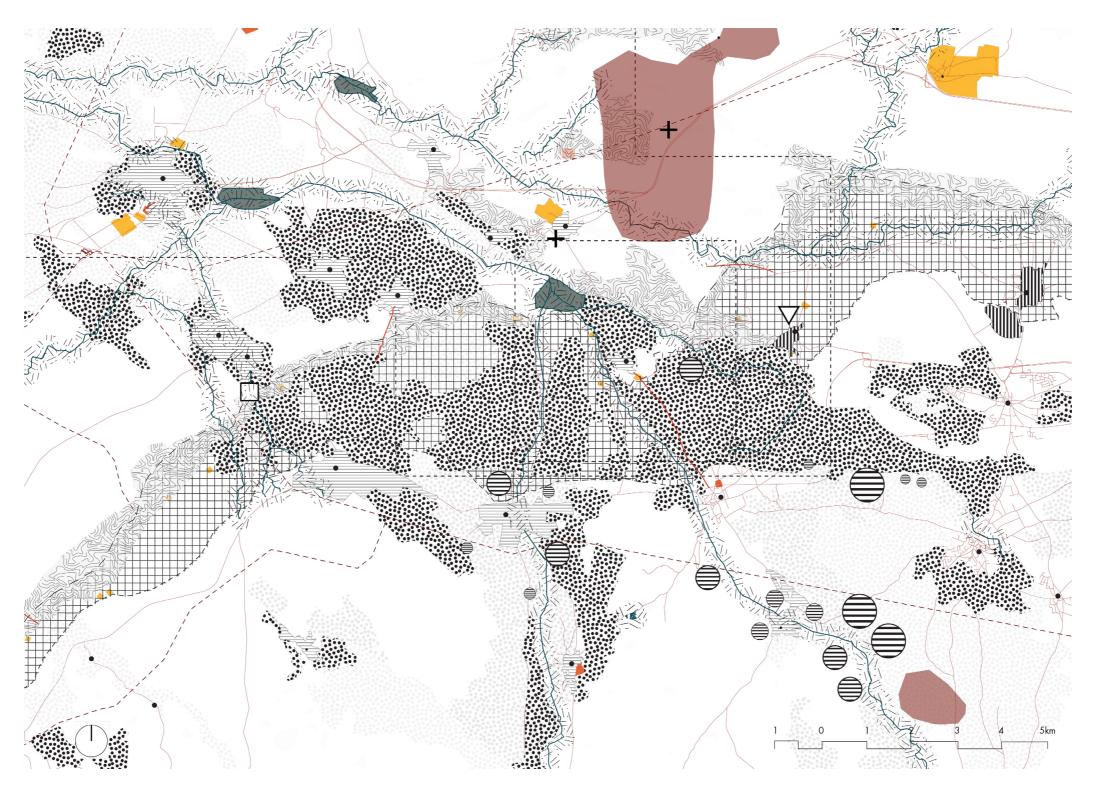
1 | Identify **potential functional relations** that can re-connect the two communities and activate local economic activity.

new States of Exception



2 | Define the water element ,as new states of exception

Potential Co-operations and new States of Exception



3 | Identify existing infrastructure and potential functional relations that are connected to the water as a new state of exception and activate bi-communal cooperation between the contested territories.

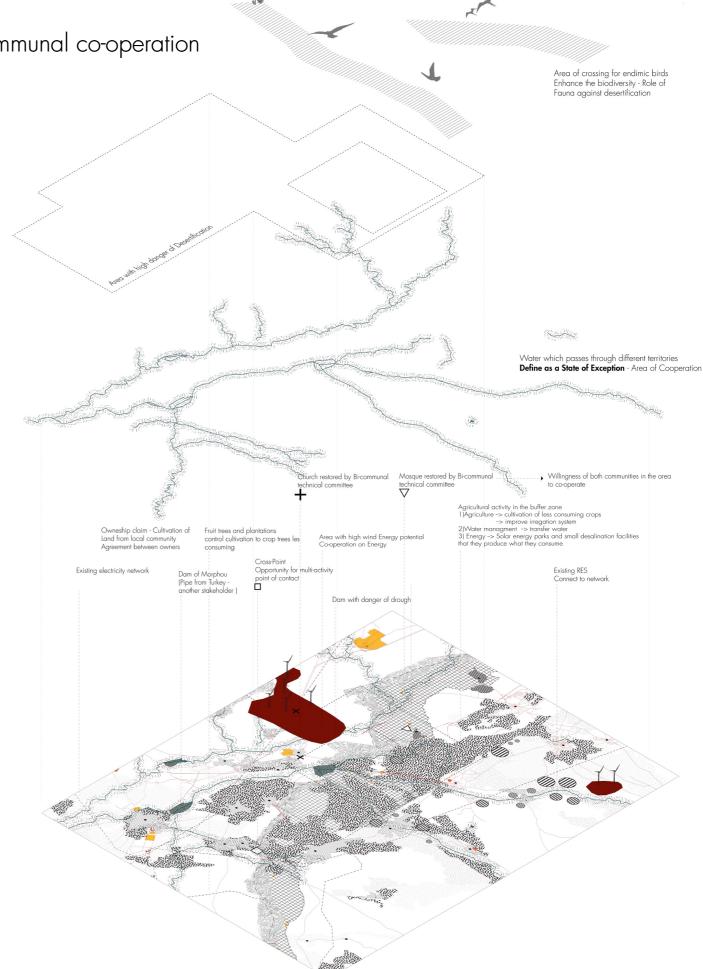
LEGEND Buffer zone New state of Exception Settlement - Excetion in the Settlements Cultivaated area within the buffer zone Natural grass land Military base Industrial area Water body Irregated Area Fruit trees and plantations Wind Energy potential Road infrastructure in the wait Main road infrastructure Water body/river Church (restored) Mosque (restored) Solar energy infrastructure high power Solar energy infrastructure

on Designing bi-communal co-operation Area of crossing for endimic birds Enhance the biodiversity - Role of Fauna against desertification

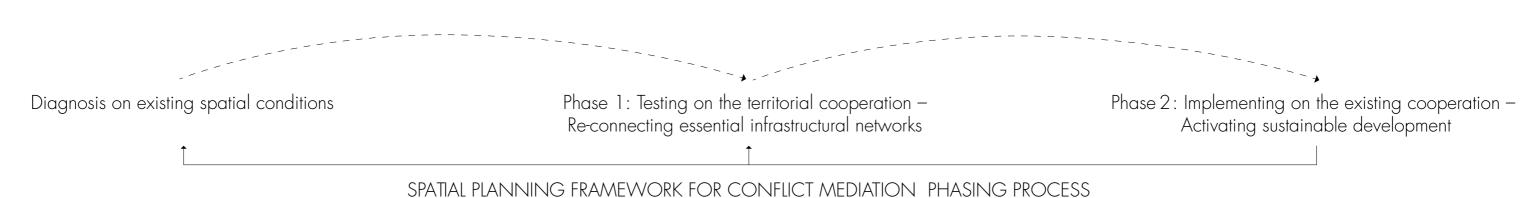
The aim is to give more clarity to concept the **new states of** exception and to illustrate the potentials for bi-communal cooperation.

Interrelate the water management system with the other functional domains in order to order to optimize their function and advocate sustainable development.

Reference this inter-domain cooperation to the biodiverse ecosystems in the area and address the environmental threats.



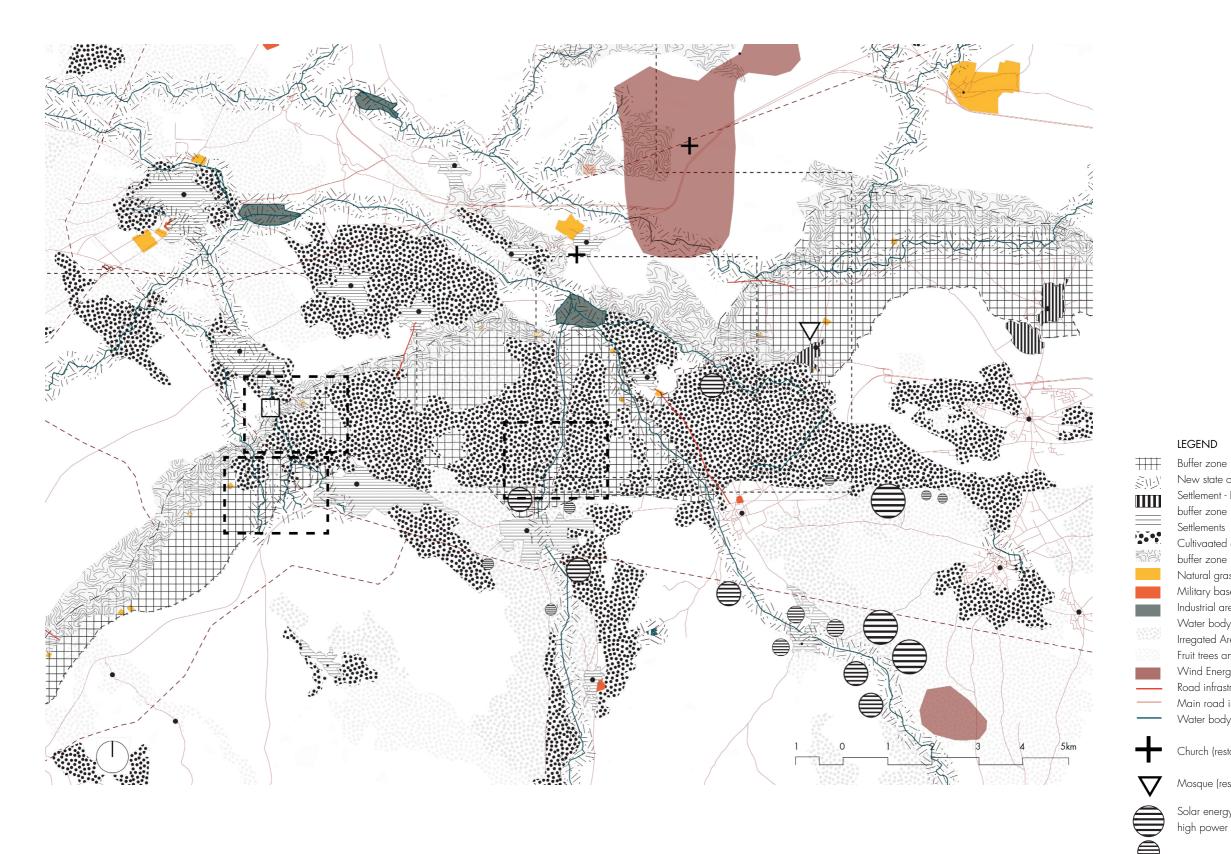
on Phasing





The spatial planning framework should not have a specific timeline but it should consist of a process of constant negotiation and mediation. It should be an adaptive process considering the constantly changing and sometimes unpredictable socio-spatial conditions.

Potential Co-operations and new States of Exception



Solar energy infrastructure

Solar energy infrastructure

LEGEND

Settlements

buffer zone Natural grass land Military base Industrial area Water body Irregated Area

New state of Exception Settlement - Excetion in the

Cultivaated area within the

Fruit trees and plantations Wind Energy potential Road infrastructure in the wait Main road infrastructure Water body/river

Church (restored)

Mosque (restored)

high power

on Designing bi-communal co-operation and new states of exception



Water management infrastructure and Agriculture

Energy Infrastructure Network and Agriculture

Conflict Infrastructure

Water management infrastructure and agriculture

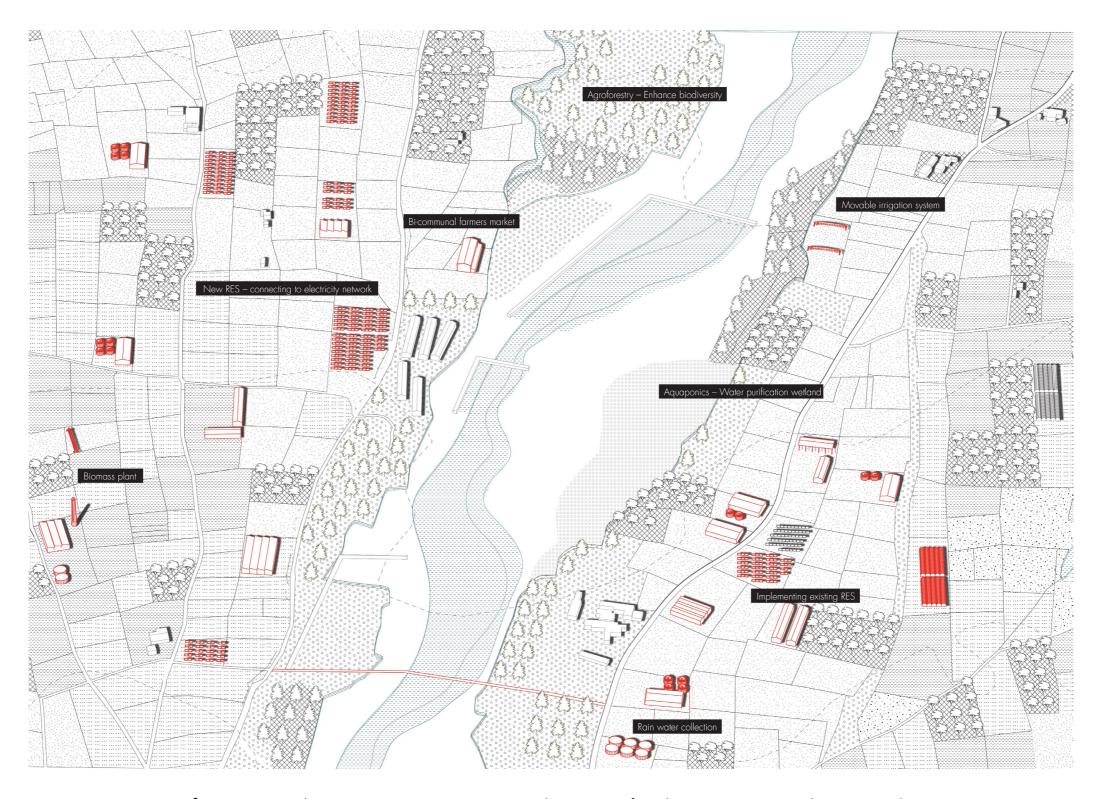


Existing Spatial Conditions: Identify the existing infrastructural network and different spatial conditions within the buffer zone



Phase 1: Re-connect the essential infrastructural networks.

Establish bi-communal cooperation on the water management. Test the bi-communal cooperation with small actions like the reforestation of the river body to enhance the biodiversity and rehydrate the area.



Phase 2: Implement more **strategies** and **actions** for the cooperation between the two communities towards **sustainable development** in order to address the common environmental threats.

Illustration of current spatial conditions and environmental challenges



Illustration on spatial expressions of progress



Territorial cooperation on water management, enhancing biodiversity and addressing common environmental pressures

Energy Infrastructure Network and Agriculture



Existing Spatial Conditions: Identify the existing infrastructural network and different spatial conditions.

In this case there is an existing electricity network that has been part of the infrastructure in the wait.



Phase 1: Re-connect the essential infrastructural networks. In this case re-connect the electricity network. -> Spatial expression of process.

Test the bi-communal opperation.



Phase 2: Implement renewable energy sources to the re-connected electricity network that both communities can benefit. This could be regarded as a new types of farming energy instead of land.

Illustration of infrastructure in the wait



Illustration on spatial expressions of progress

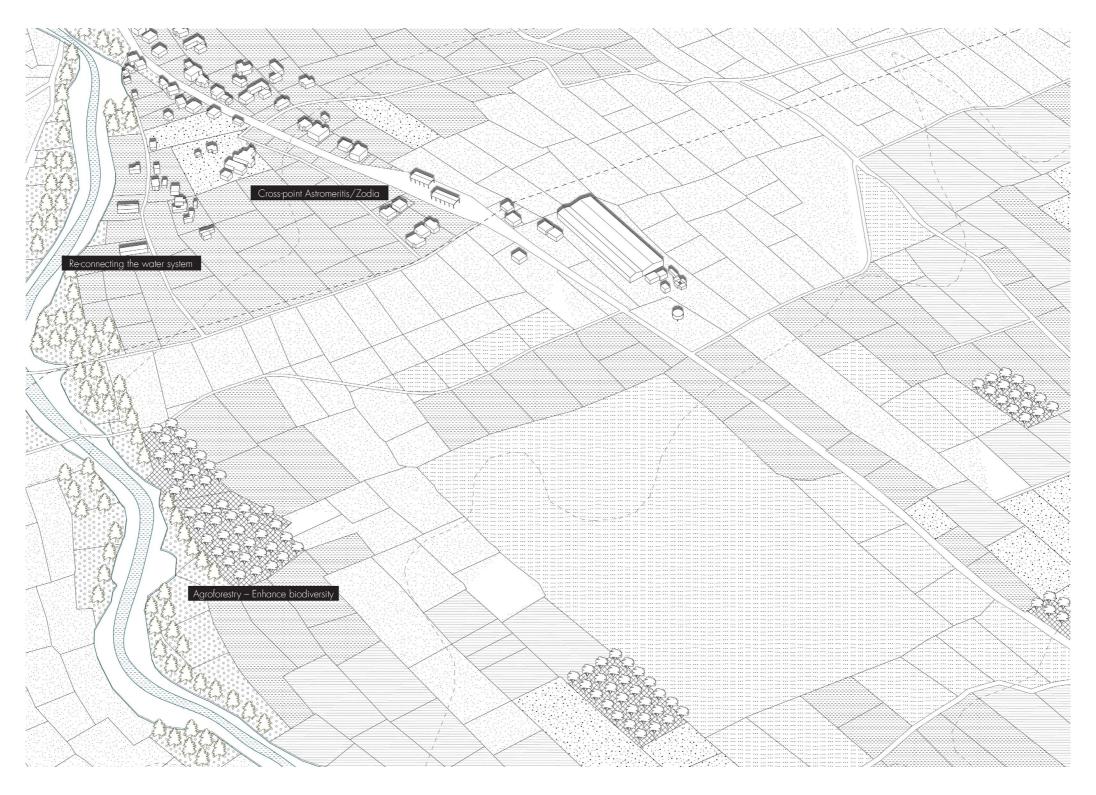


Territorial cooperation on electricity. Re-connecting essential infrastructural networks. Activate productive landscape through bi-communal cooperation

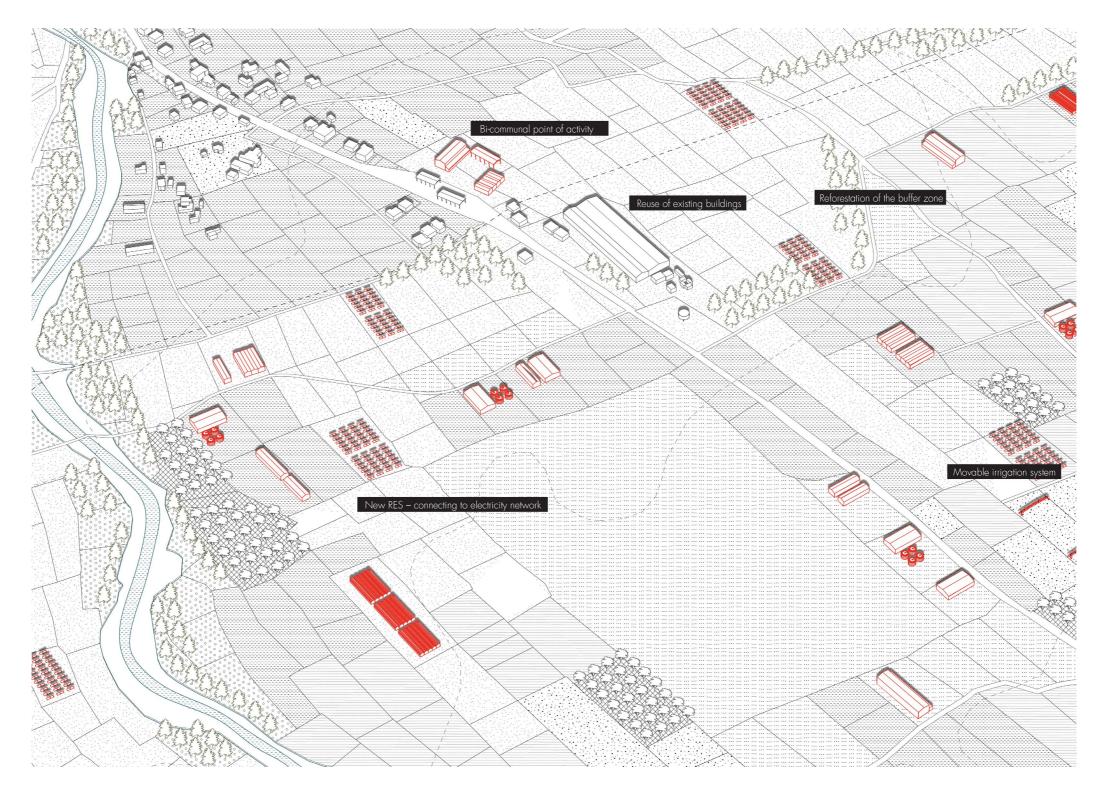
Conflict Infrastructure



Existing Spatial Conditions: Identify the **existing types of conflict infrastructure** and the spatial conditions that can give opportunities for cooperation.



Phase 1: Re-connect the existing infrastructural networks based on water management. Test the capabilities of the bi-communal cooperation with smaller actions like the reforestation along the river body.



Phase 2: The cross-point and other types of **conflict infrastructure** can **transition** through design as more **adaptive and integrating infrastructure**. In this case, the cross-point can function as **multifunctional bi-communal space**, that can create the opportunity for **socio-economic interactions** in the area.

Illustration of conflict infrastructure



Illustration on spatial expressions of progress



Conflict infrastructure becoming a more adaptive and integrating infrastructure in the process of conflict mediation

EVALUATION - CONCLUSIONS AND REFLECTION

Island(s) of Exception

- 1 | Reflect on whether there can be a positive notion to territorialism
- 2 | Deliberates whether it is important to maintain the status quo or to define new territories and states of exception.
- 3 | Reviews the existing territories and identifies areas where the existing territorial status need to change, but only in exceptional cases.
- 4 | Rethinks the notion of borders as places for interaction between nations especially in cases of contested environments
- 5 | Re-conceptualizes space that facilitates as a mediating ground, constantly adapting to the changing socio-spatial conditions
 - 6 | Reflects on the new states of exceptions and advocate territorial cooperation.
- 7 | Considers the states of exception as a way of overcoming the political conditions. These new states of exception while they are defined by existing territorial boundaries, they are not a subject to territorialism.
- 8 Deliberates on who has the sovereign power over these territories and whether their declaration is feasible in situations where the territories or regions are contested.
 - 9 Deliberates whether these new states of exception have a visible or non-visible spatial form.

