# City-zen Nicosia Roadshow May 8-15



This project has received funding from the European Union's Seventh Programme for research, technological development and demonstration under grant agreement No 608702



### Roadshow Team

Prof.Dr. Andy vd Dobbelsteen (TUD) Achille Hannoset (Th!nk-e) Dr. Andy Jenkins (QUB) Prof. Greg Keeffe (QUB) Prof.Dr. Craig L.Martin (TU Delft) Dr. Markella Menikou (UoN) Dr. Riccardo Pulselli (UoS) Anneleen Vanderlinden (Th!nk-e) Prof.Dr. Han Vandevyvere (EnergyVille/NTNU) Maryam Al-Irhayim (UCLan) Emma Campbell (QUB) Sam van Hooff (TU Delft) Rainer Townend (UCLan) Alexis Postekkis (UoN Alumni) Andreas Prokopiou (UoN Alumni) Christos Xenofontos (UoN Alumni)



### **FUN-SHOP - WALK**



To place Citizens in heart of process to create a healthier, happier and energy efficient city.

To openly invite Nicosia's stakeholders to come and get involved no matter what background and expertise.



### **FUN-SHOP - TALK**



Global experts combine with local stakeholder passion, knowledge and close familiarity of place to reach zero energy.

To ensure that solutions stay with the people who helped create them.



### **FUN-SHOP - TALK (DUTCH EMBASSY/RESIDENCE)**





Embassy of the Kingdom of the Netherlands

Sustainability
 event at the
 residence of the
 Dutch
 Ambassador







### **FUN-SHOP - Go2Zero**





Energy
 Transition role
 playing game



### **FUN-SHOP - Go2Zero**





Energy
 Transition role
 playing game



### **FUN-SHOPS – DESIGN (URBAN & ENERGY)**



Studios for energy and urban design continued throughout the week in different locations.

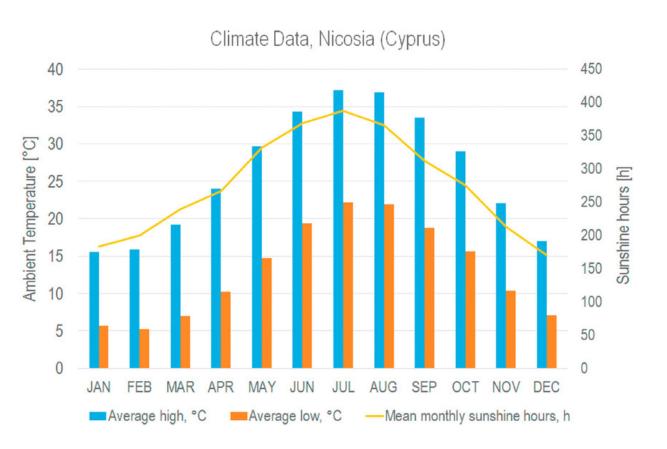


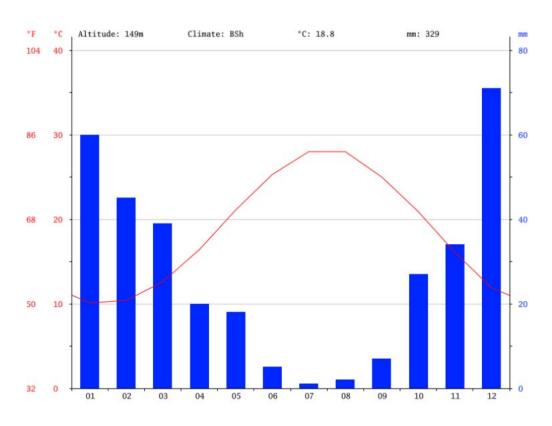
### Understanding the local circumstances

- Climate (Temperature, Sun, Wind, Rain)
- Energy characteristics (Energy demand, Energy mix, Infrastructures, Potentials)
- Environmental footprint (Resource use, Waste)
- Challenges of Nicosia



### Climate: temperatures and precipitation

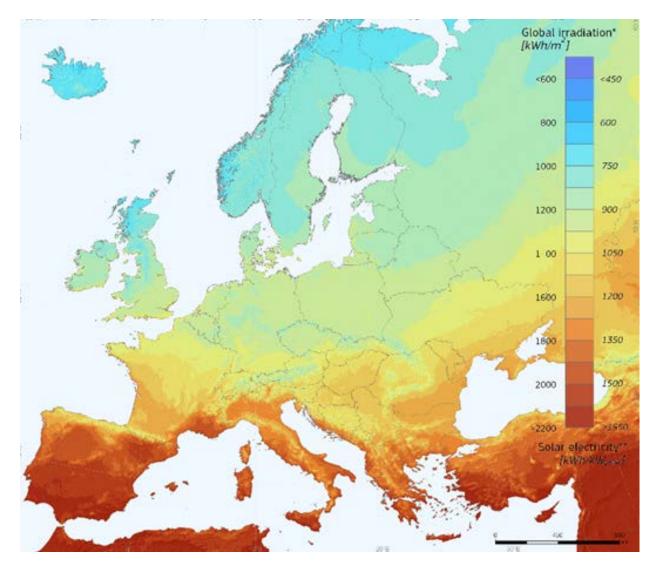


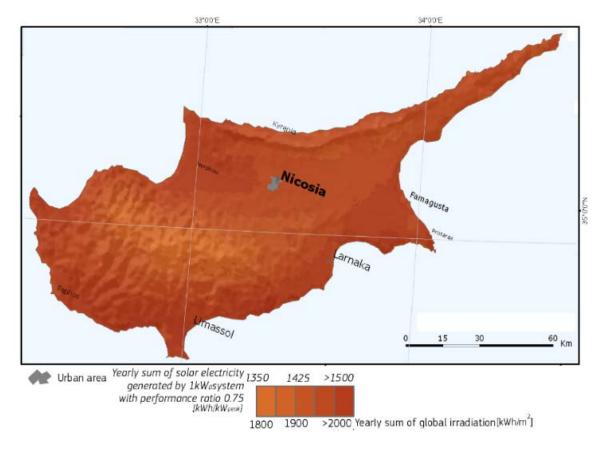


Even winter has high sunshine rates; water stress to be addressed through seasonal buffering



### Climate: solar intensity



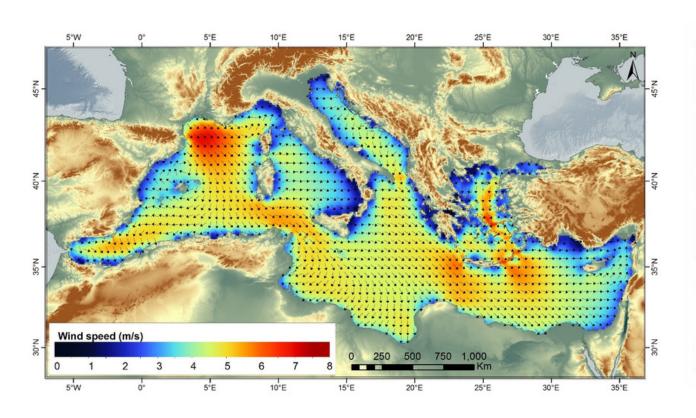


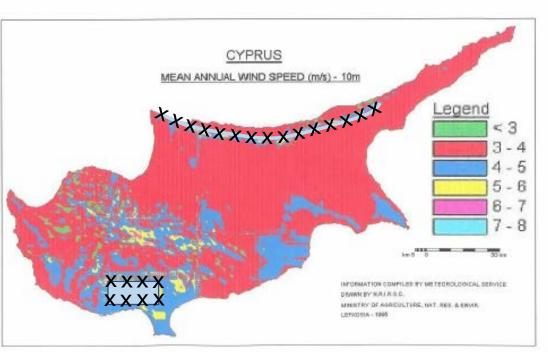
Solar 'best of Europe'





### Climate: wind characteristics

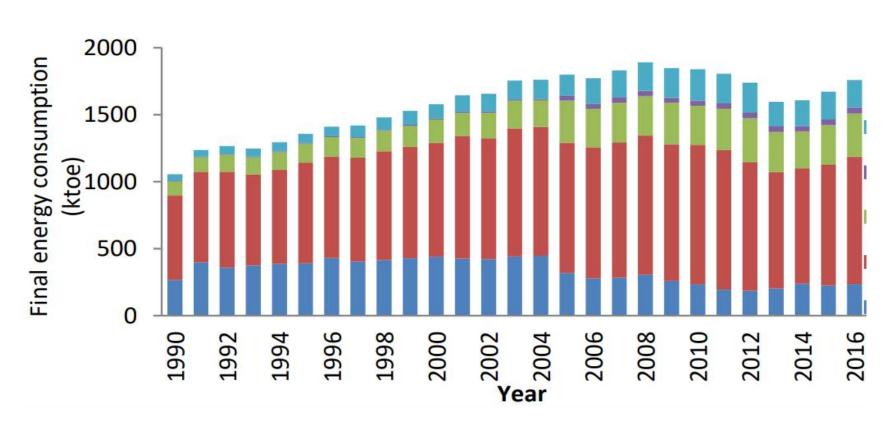




Both offshore and onshore wind have a limited yet given potential > only certain areas on land (cf. existing developments)



# Energy characteristics: final energy demand



Energy-wise and otherwise, mobility is the number 1 issue to address

### Source:



Services

Agriculture

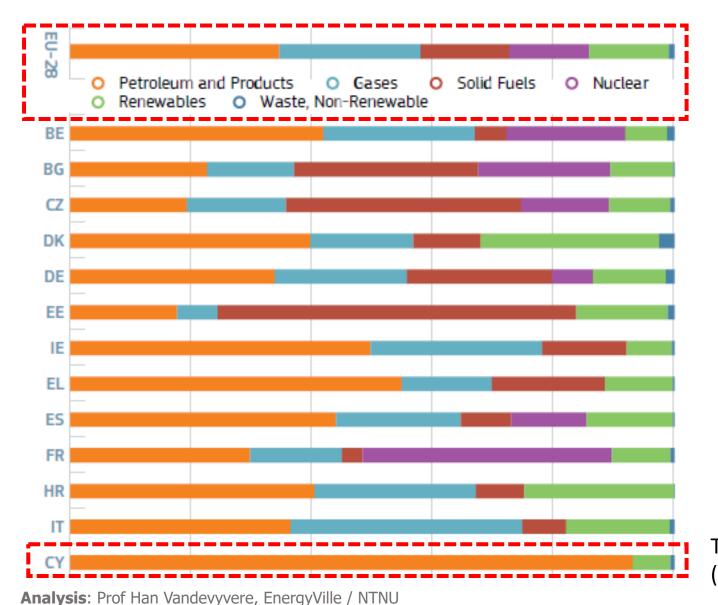
Residential

■ Transport

Industry



# Energy characteristics: energy mix



Source:

Eurostat /



The island syndrome! (Cf. Menorca)



Nicosia, Cyprus, May 2019

# Environmental footprint: waste

### 80% of waste goes to the landfill





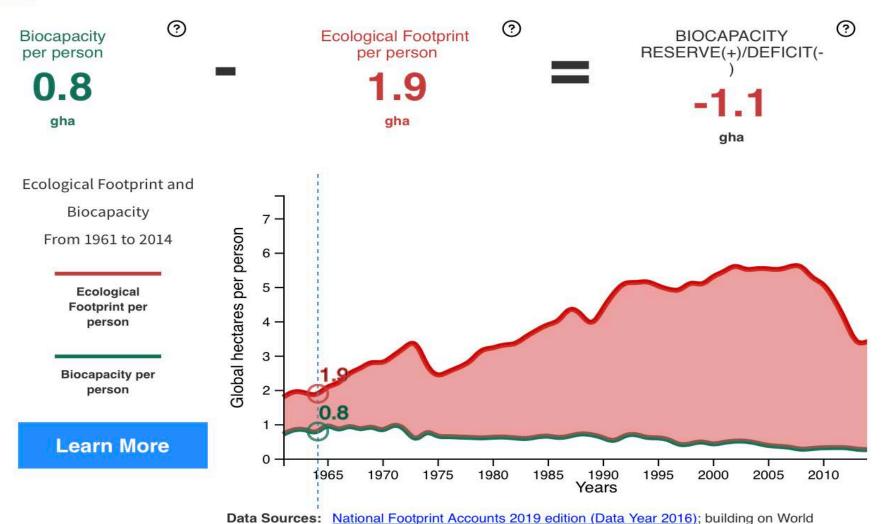
COUNTRIES WITH BIOCAPACITY RESERVE PERCENTAGE THAT BIOCAPACITY EXCEEDS ECOLOGICAL FOOTPRINT		COUNTRIES WITH BIOCAPACITY DEFICIT PERCENTAGE THAT ECOLOGICAL FOOTPRINT EXCEEDS BIOCAPACITY	
French Guiana	3,860%	Singapore	10,000%
Guyana	2,490%	Bermuda	5,280%
Suriname	2,310%	Réunion	2,860%
Gabon	818%	Barbados	2,020%
Congo	772%	Cayman Islands	1,790%
Central African Republic	569%	United Arab Emirates	1,730%
Bolivia	428%	Israel	1,670%
Uruguay	288%	Bahrain	1,550%
Congo, Democratic Republic of	256%	Saudi Arabia	1,330%
Paraguay	220%	Cyprus	1,300%
Eritrea	220%	Qatar	1.220%





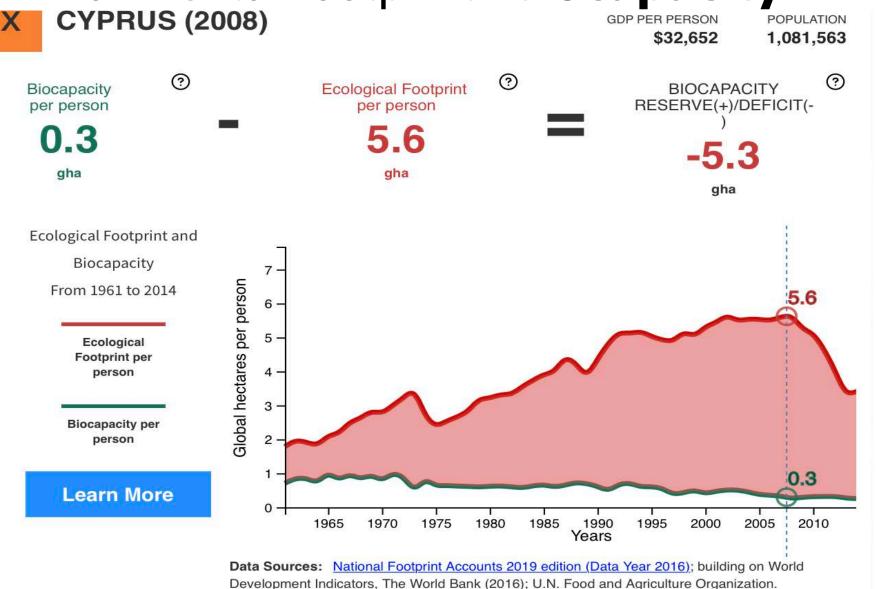
GDP PER PERSON

578,627

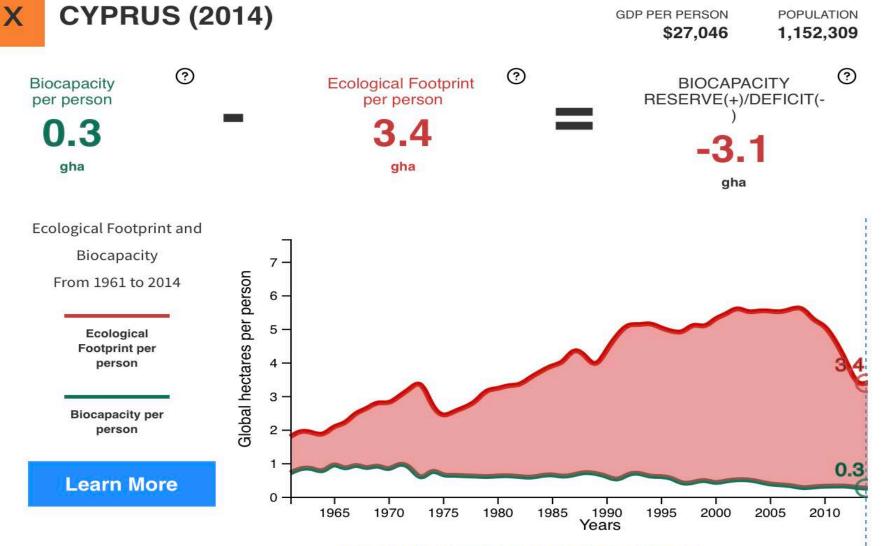


Development Indicators, The World Bank (2016); U.N. Food and Agriculture Organization.



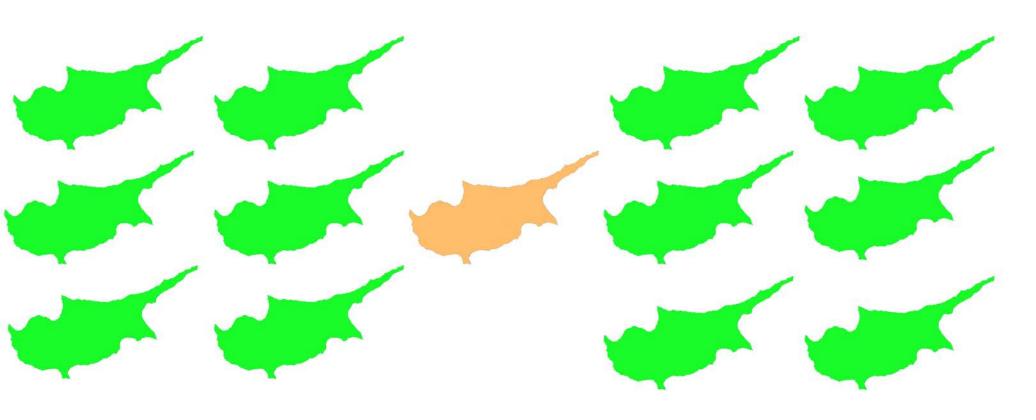












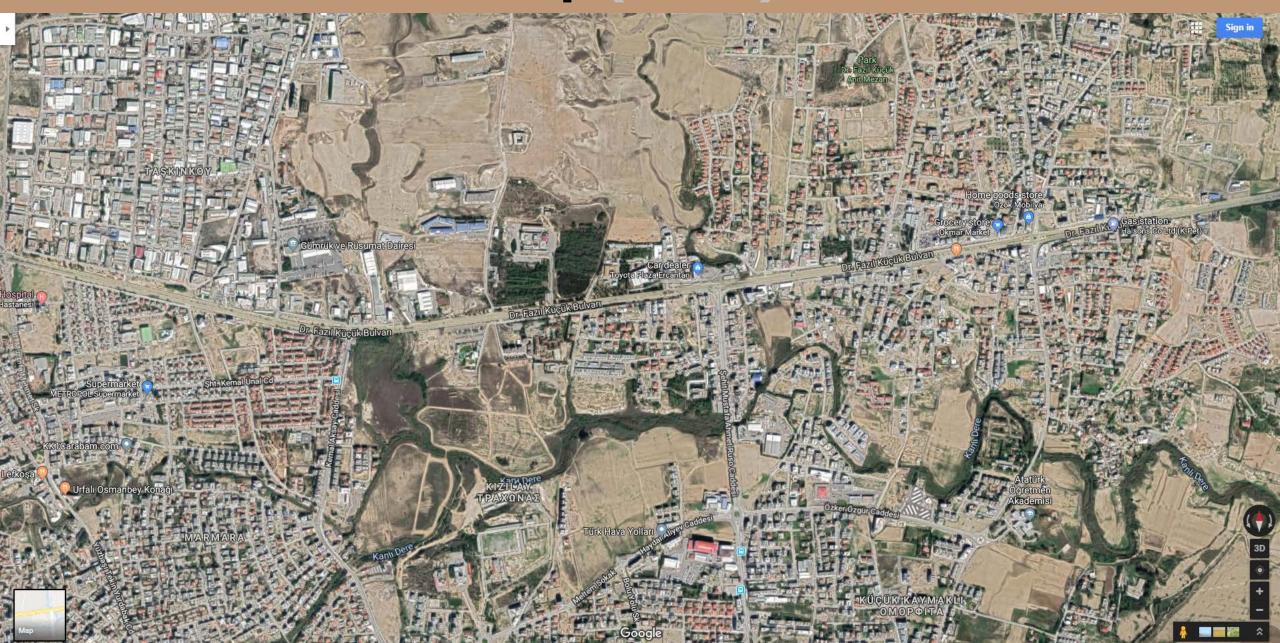
We need 13
Cypruses to
meet the
demand of the
2020 lifestyle







# Suburbia as a heat trap (north)



# Suburbia as a heat trap (south)



# Suburbia as a petrol trap



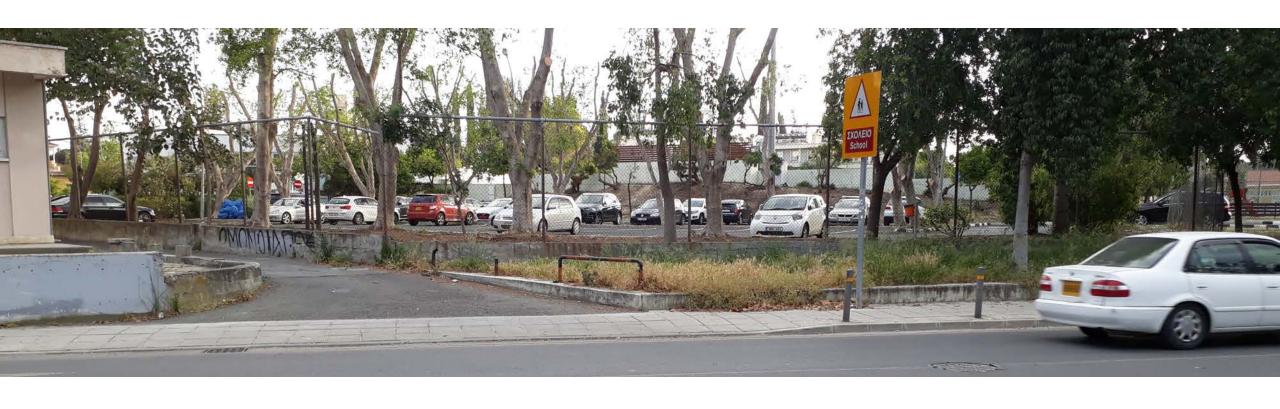


# The car as a constituent of non-places





### The car as a constituent of non-places





### **System analysis**

With climate change already happening,

You risk to cook yourself in petrol and concrete...

But solutions are at hand



There's a bright green

NOFUTURE







# Traditional climate control strategies High albedo roo

































## Goodbye Car Empire, welcome Green Mobility









## **Goodbye Car Empire, welcome Green Mobility**







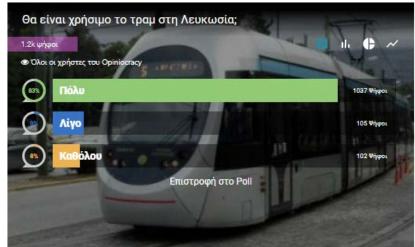
#### POLL: Will the tram be used in Nicosia?





The Rector of the University of Cyprus and the Mayor of Agatzias suggests, through twitter the creation of tram as a solution to the increased traffic.

Do you think Cypriots will use it if it is created?





Buy Rent

Sell

Valuations

Land

#### MOVING TOWARDS A TRAM SYSTEM FOR NICOSIA

Home

Published on: 17 June 2015













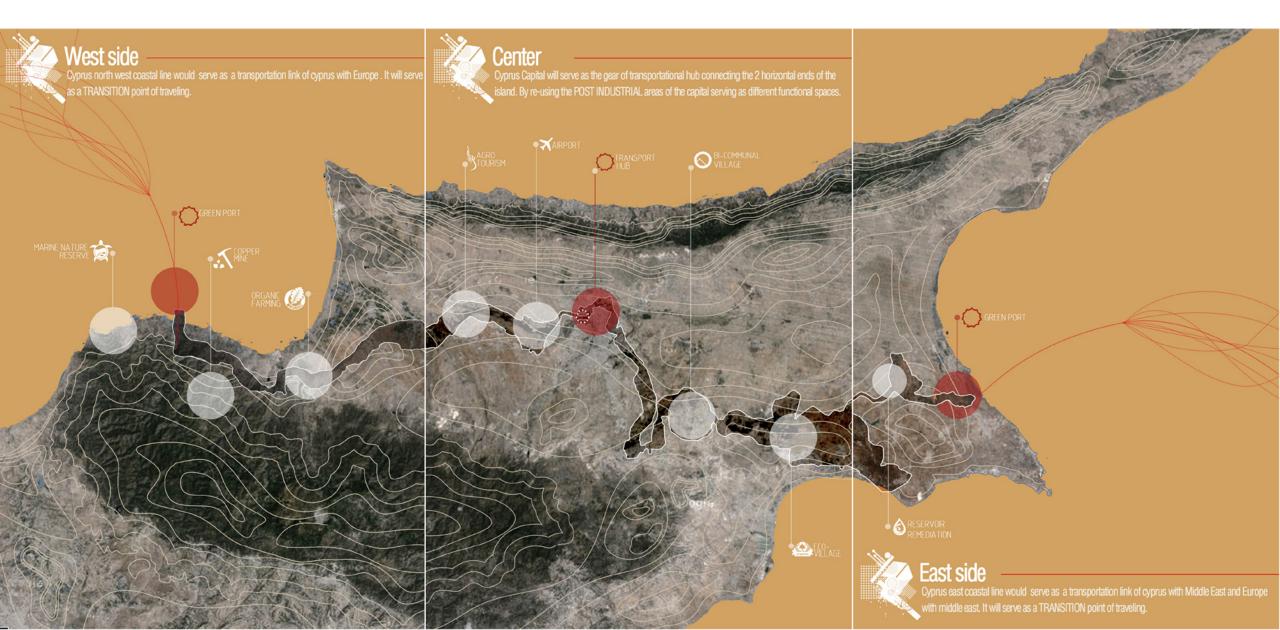
Could time final came for Nicosia to acquire a modern tram line? (2019) The answering the feasibility study made, such a project is now

> The feasibility study for the creation of tram in Nicosia as commissioned by the Ministry of Transport, Communications and Works, concluded that the project is viable. The experts who feasibility study considered options for delivery of conducted |

sited place like the Central Hospital of Nicosia and the The Mall of is, as well as in t-growing suburbs ( ne capital and Lakatamia According to the study, the will follow a line ped horseshoe. It start from the New General Hospital, will cross the Limassol Av Aakariou Ave. d via Leonidas Str, Homer Str, Kosti Palama Str will e to Strovolos Ave and end at Makarios Ave in nom Demosthenes Se. ve to cont amia. Overall: - The netwo frastructure along the tram will be 14 km

- n crossing frequency will be ery 10 minutes
- a day it will run 24 km 216 rout
- It will have to wagons
- Average speed of 22.9 kilometers per hour. The overall cost will reach 216 mil. eur including infrastructure, lines, wagons and parking in the two starting points in Lakatamia, and the General Hospital. The project is expected to be implemented by public funds and European Union funds. The remaining amount is expected to be covered by a strategic investor who will be selected through open competition. According to the timeline, initial bids will be submitted towards the end if the year with final implementation programmed on 2019. Source: Ant1

## Cross-Cyprus tram/light rail proposal © Yiannis Paphitis



## **Sustainable mobility**

Mobility is killing the island > modal shift & electrify

- E-bikes, E-scooters/steps
- E-shuttles & E-buses, tramway
- HUMES (hubs for urban mobility and energy)
- E-vehicles private (not within rampart)
- Mobility as a Service (MaaS) multimodal trips

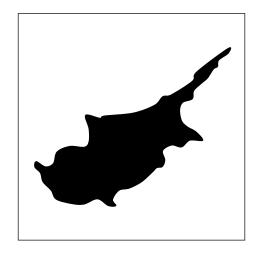


# DON'T BELIEVE IN GIARAI WARMING 101 DOGI'T BELLEXE

->= -1 D#

#### **CYPRUS GREENHOUSE GASES INVENTORY 2016**

<b>(</b> 3)	ELECTRICITY	91% heavy oil 3% PV 4% Wind 1% biomass	3197	kt CO <sub>2</sub> -eq	37.0 %	
	HOUSING	51% Diesel oil 6% Kerosene 23% LPG 15% Biomass 6% Charcoal	570	kt CO <sub>2</sub> -eq	6.6 %	
	TRANSPORT		1889	kt CO <sub>2</sub> -eq	21.9 %	8631
	INDUSTRY		1901	kt CO <sub>2</sub> -eq	22.0 %	<b>002T</b>
	AGRICULTURE		559	kt CO <sub>2</sub> -eq	6.5 %	
	WASTE	79% landfilled 9% organic 12% recycled		kt CO <sub>2</sub> -eq	5.4 %	kt CO <sub>2</sub> eq
0	WATER		49	kt CO <sub>2</sub> -eq	0.6 %	
4	CARBON UPTAKE		-168	kt CO <sub>2</sub> -eq	1.9%	



**CYPRUS** 

Area: 9251

Citizens:

864,200

**Population South: 72%** 

**Population North: 28%** 

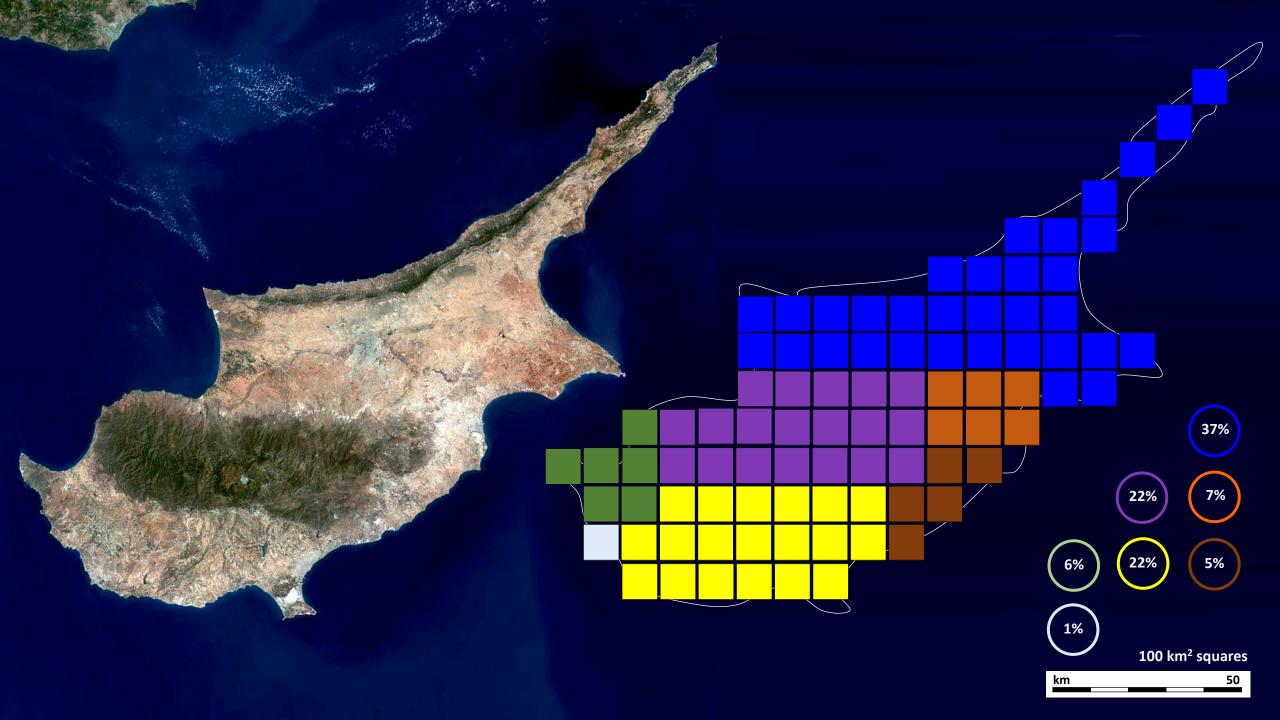
2018 7th National Communication and 3rd Biennial report under the

**UNFCCC** of Cyprus

Department of Environment

Ministry of Agriculture, Rural Development and Environment





#### **Household profiling in Cyprus**





Household 2.7 citizens

Household 2009:

https://www.mof.gov.cy/mof/cysta t/statistics.nsf/energy\_environment \_81main\_en/energy\_environment\_8 1main\_en?OpenForm&sub=1&sel=2

#### **Carbon Footprint per household**



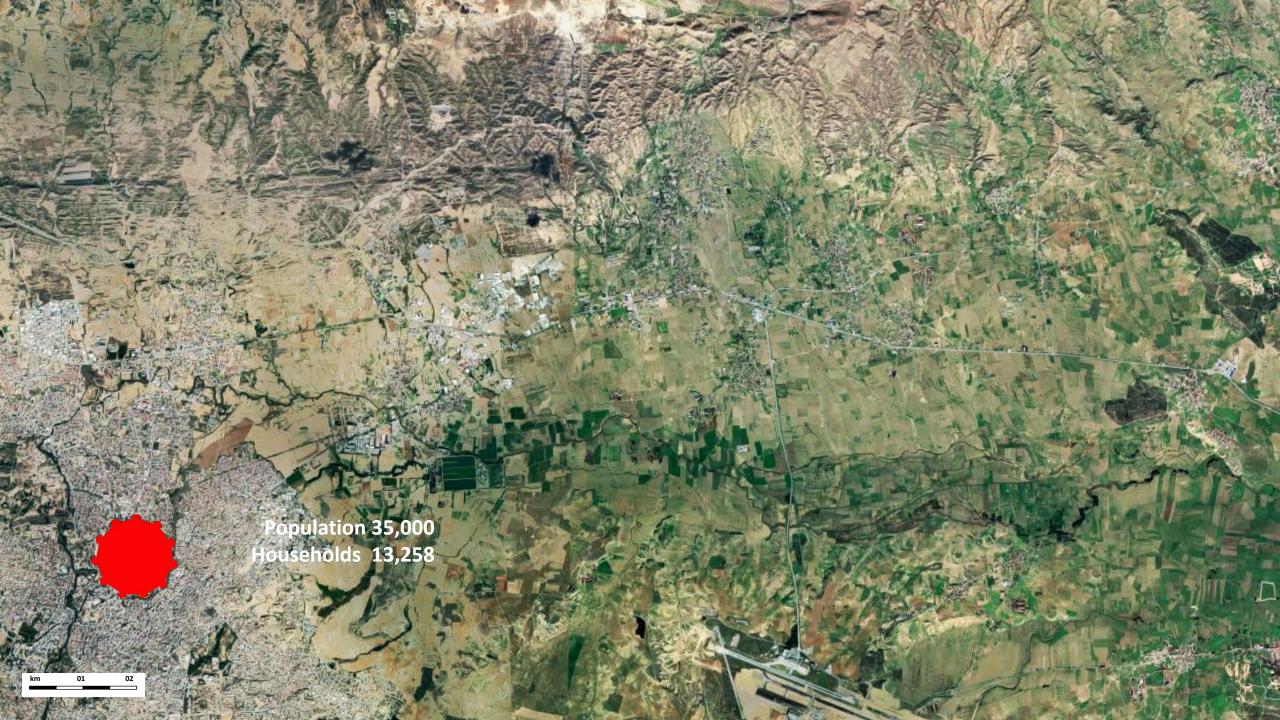


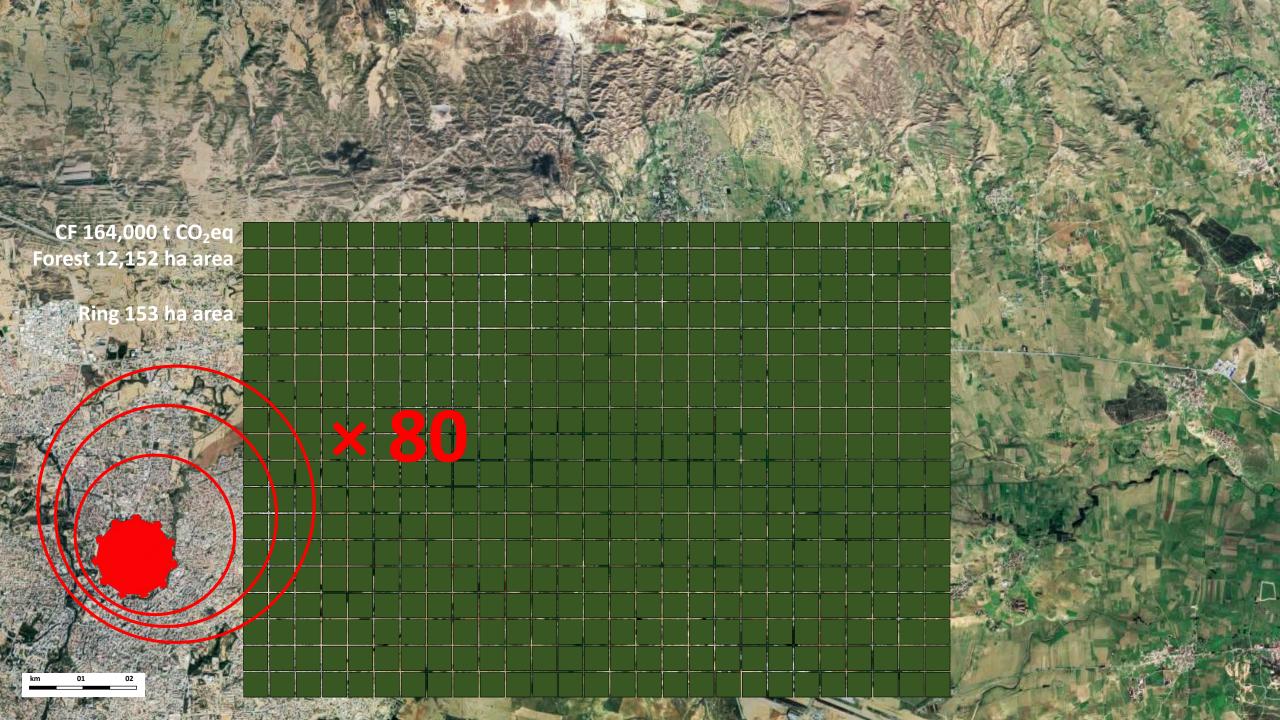
Household 2.7 citizens 12.37 t CO<sub>2</sub> eq 0.92 ha

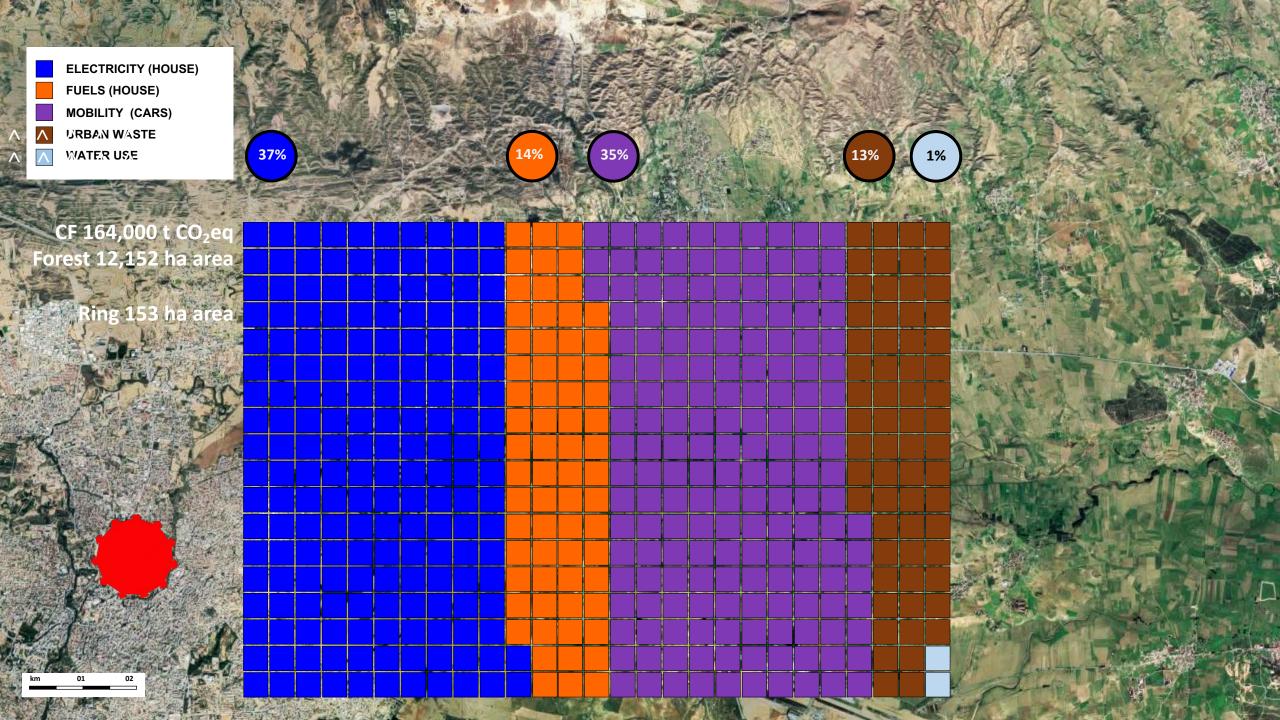
Virtual forestland

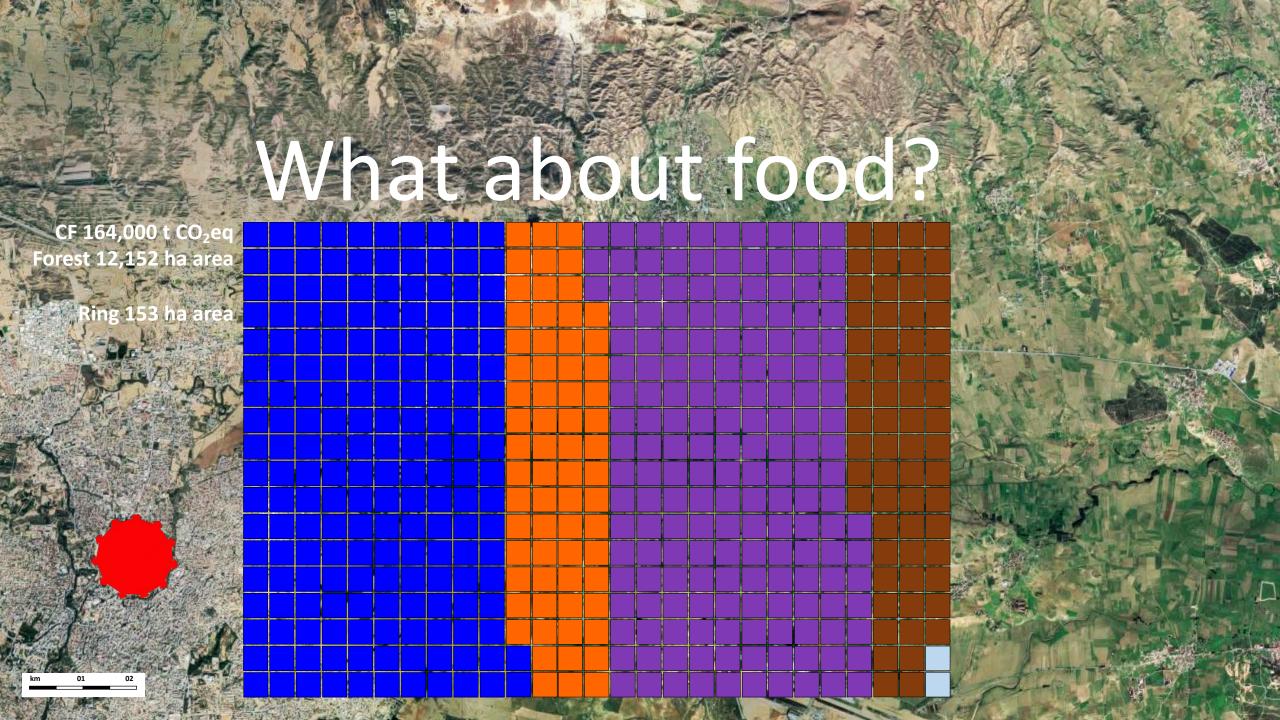
### 1.5 fields

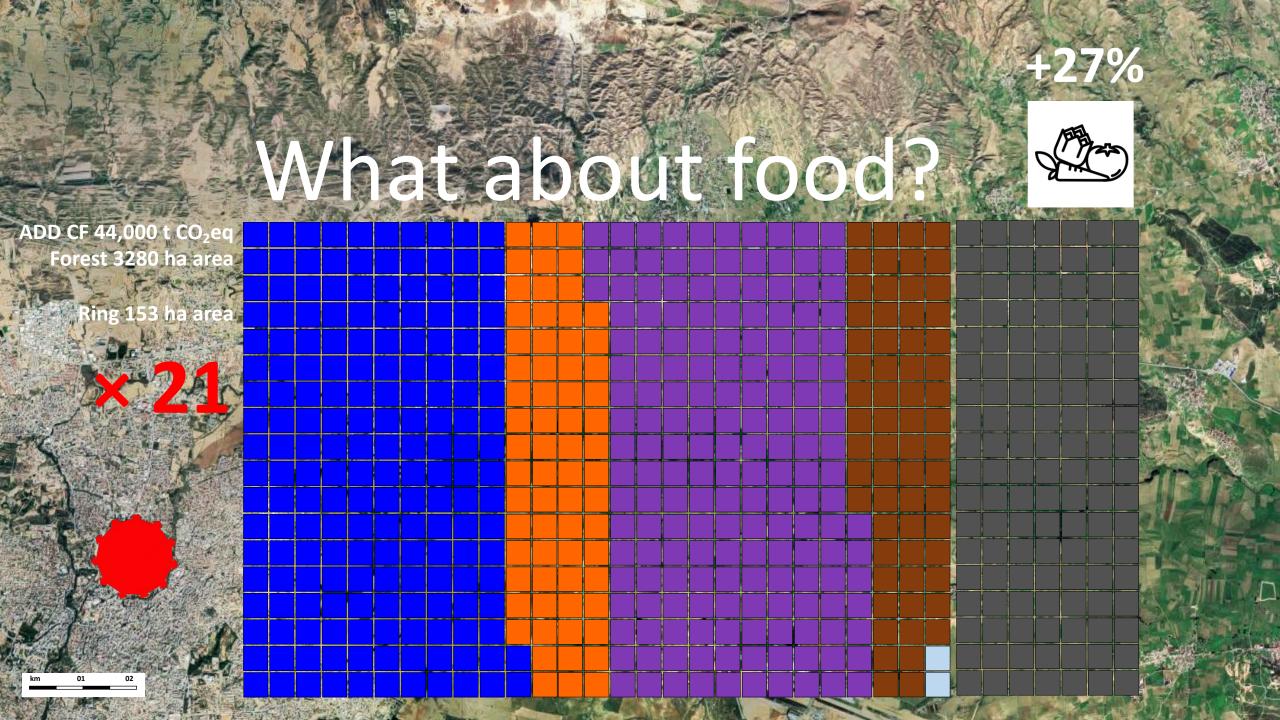
Pulselli et al."Carbon accounting framework for decarbonisation of European city neighbourhoods". Journal of Cleaner Production 208 (2018) 850-868.

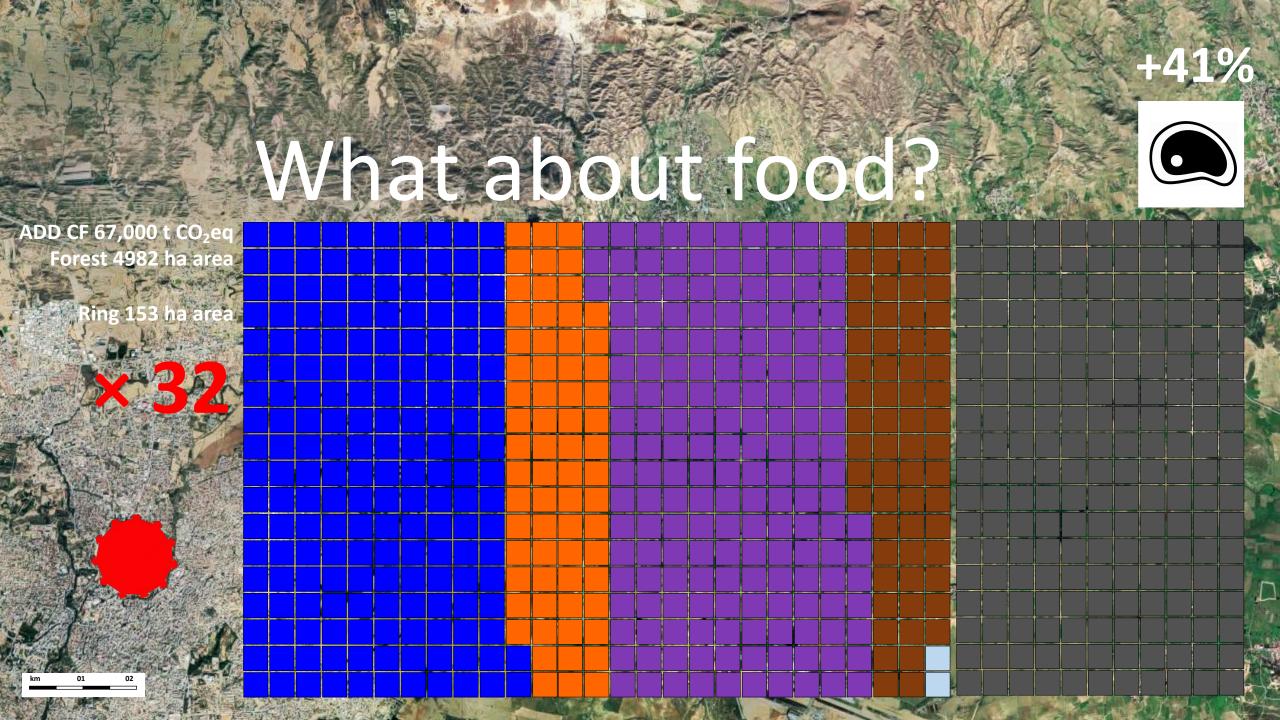


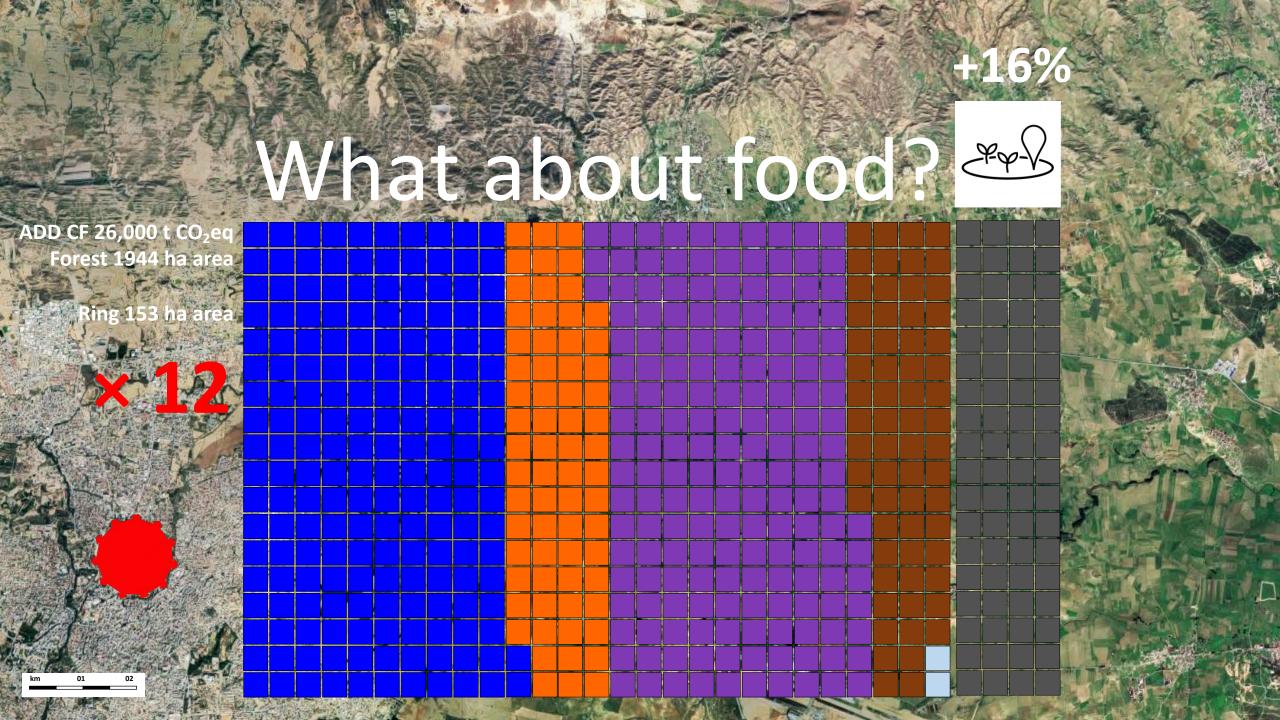


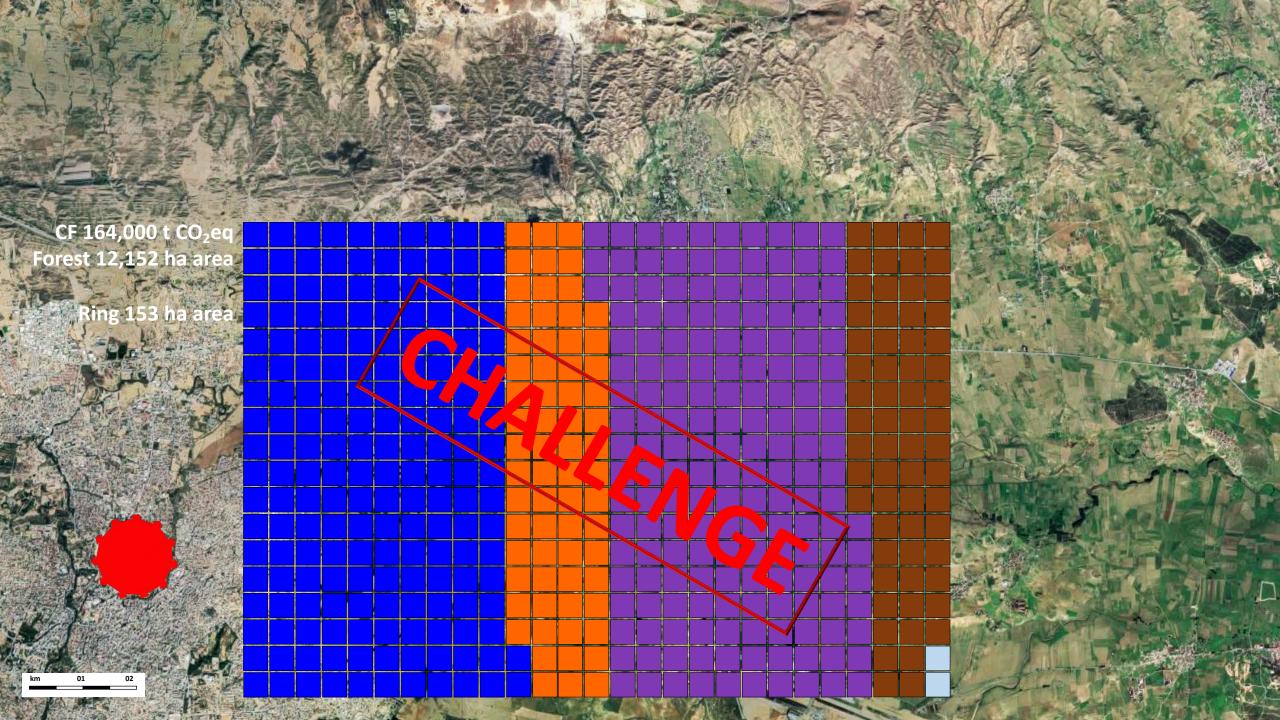












## Nicosia Energy Strategy

- Prof. Andy van den Dobbelsteen TU Delft, The Netherlands
- Dr. Riccardo Pulselli INDACO2 / Universitá di Siena, Italy
- Prof. Han Vandevyvere EnergyVille, Belgium / NTNU, Norway
- Achille Hannoset Th!nkE, Belgium
- Anneleen Vanderlinden Th!nkE, Belgium

#### With support of:

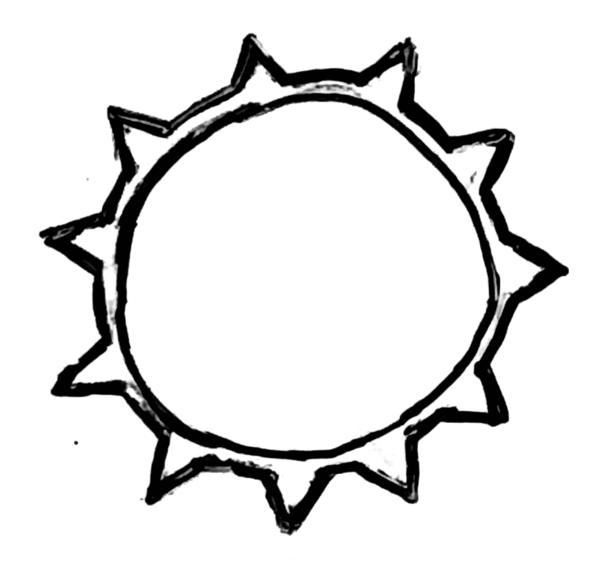
- Sam van Hooff AMS / TU Delft, The Netherlands
- Maryam Al-Irhayim UCLAN, Preston, UK
- Rainer Townend UCLAN, Preston, UK
- Christos Xenofontos UNIC, Nicosia
- Andreas Prokopiou UNIC, Nicosia
- Alexandros Postekkis UNIC, Nicosia



# A vision on the sustainable city

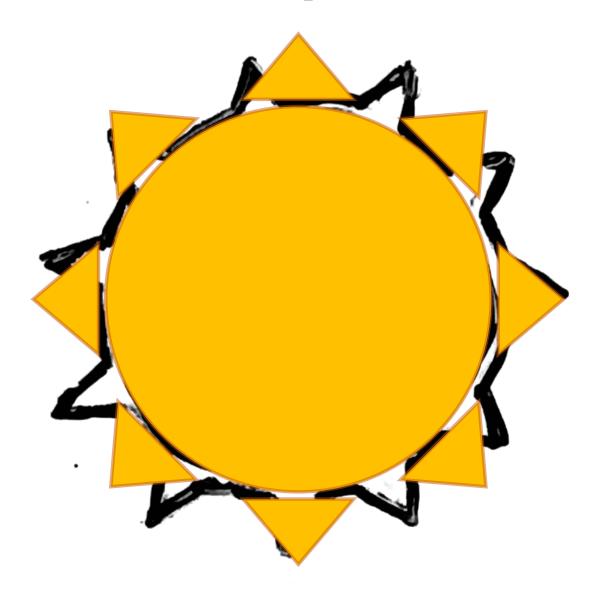


# Nicosia, City of the Sun



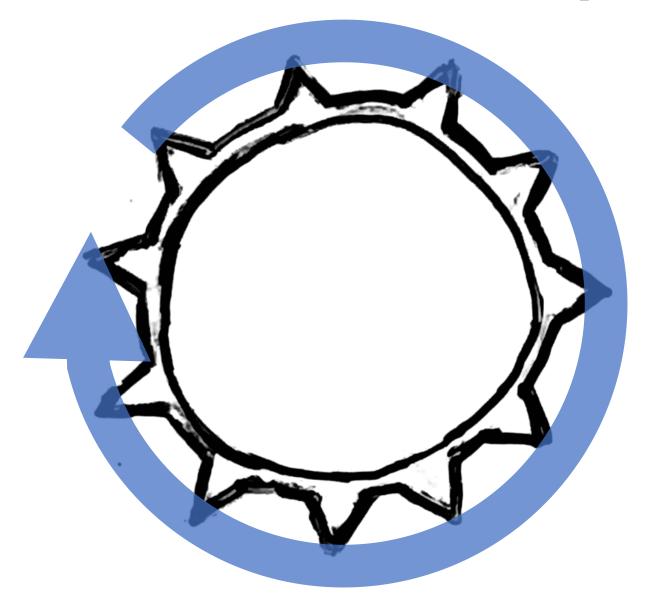


# Nicosia, City of the Sun



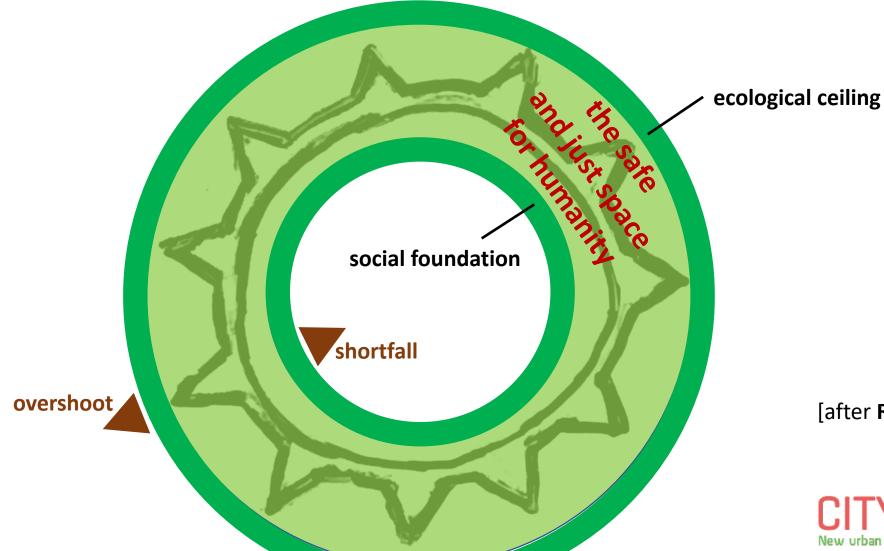


# Nicosia, Circular City





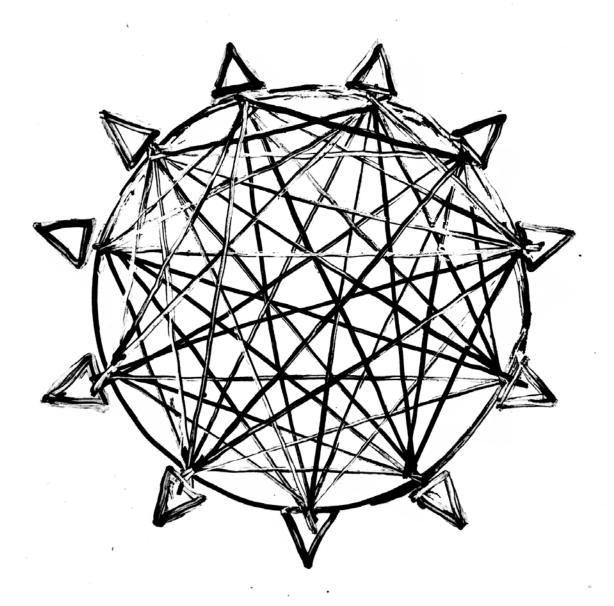
### Nicosia, Doughnut Economy



[after Raworth, 2017]

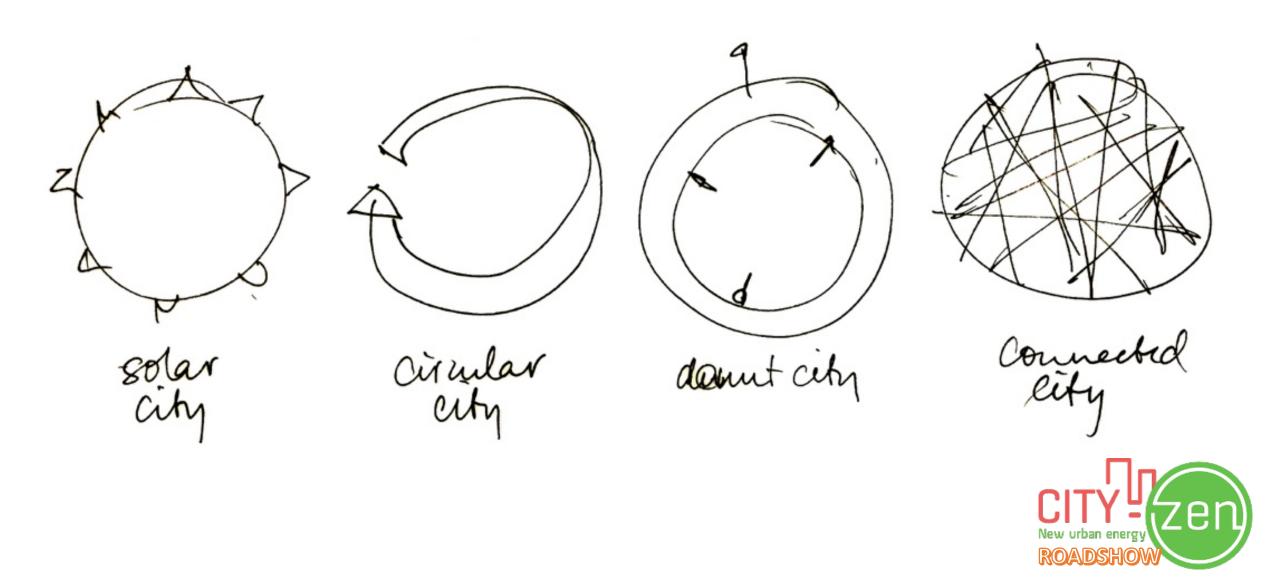


# **Nicosia, Connected City**

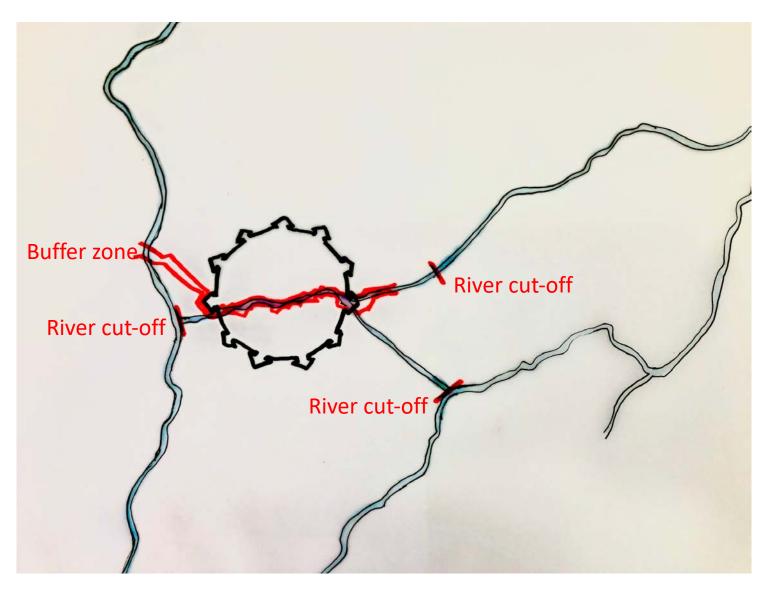




#### **Different strategies**



#### The river and connection lost



The ancient city of Lefkosia was situated on a river that ran right through the centre.

The Venetians built a circular city wall that blocked the old river course.

It became a marshy waste dump, which in turn became a barrier within the renaissance city.

At present, the UN buffer zone runs exactly along this barrier that once was a vital river.

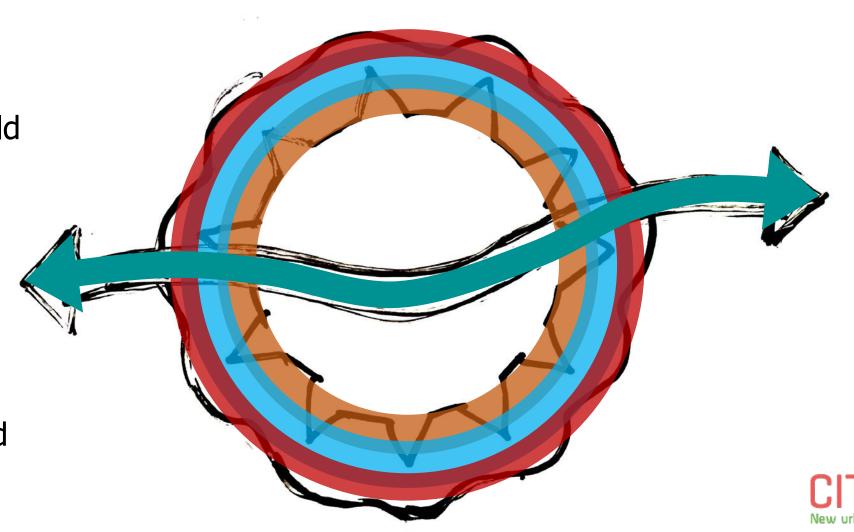


#### Proposing green-blue-red connectors for Nicosia

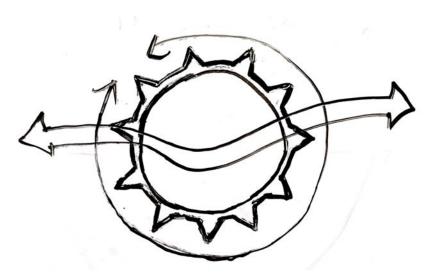
A top-touristic **UNESCO** world heritage city

A connecting green-blue park zone

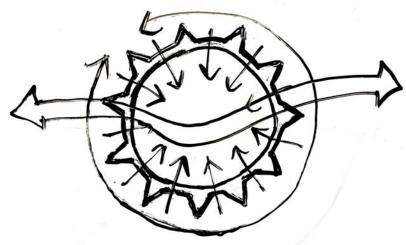
A connecting green-blue-red city ring



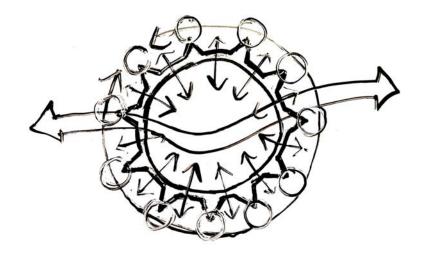
# Strategy for the communal energy system



Ring network for energy mains



Branches into the city



Energy storage in the batteries



#### New energy utilities in the historic city ring

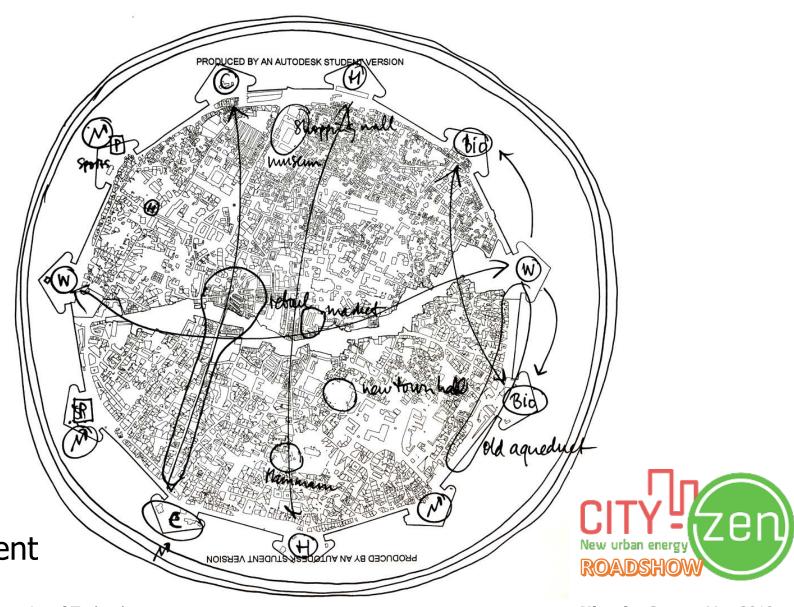
#### Ring networks around the city

#### Storage facilities

- Electricity storage
- Cold storage
- Heat storage
- Water storage
- Waste water treatment
- Bio-digestion

#### Strategic positioning

- Near logical demands
- Helping circular management



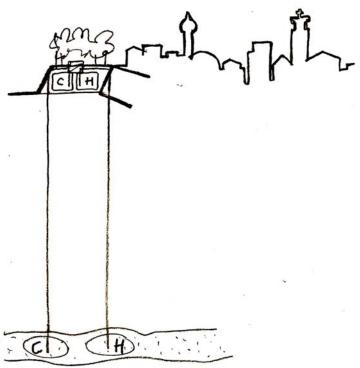
# From bastion battery to bastion battery





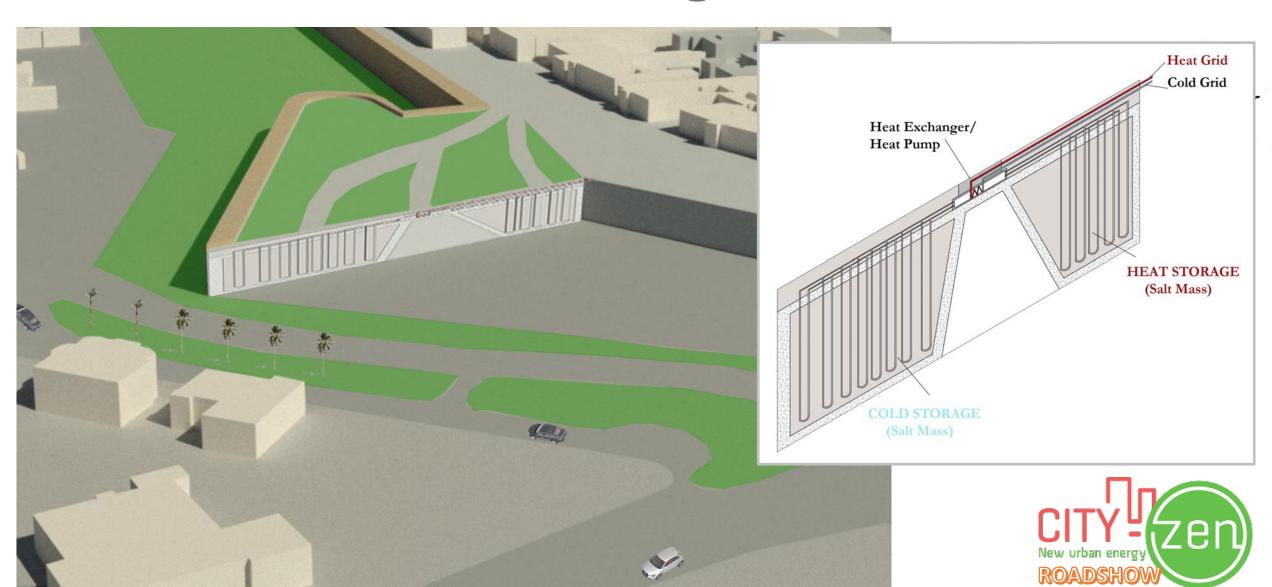
# **Bastion heat and cold storage**





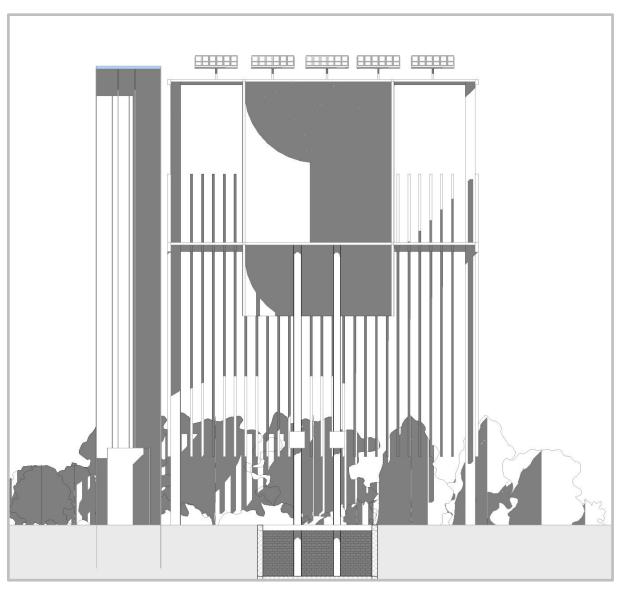


### **Bastion heat and cold storage**

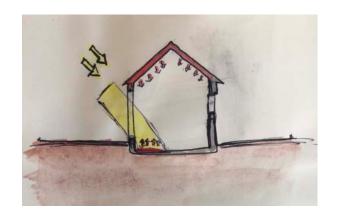


# **Hydro-power water tower look-out**

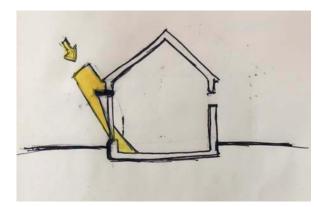




**Energy strategy**: Prof Andy van den Dobbelsteen, Delft University of Technology

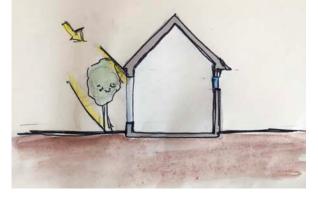


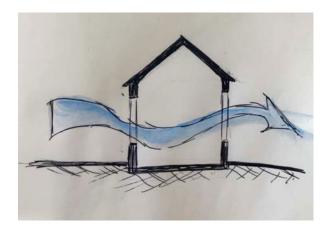


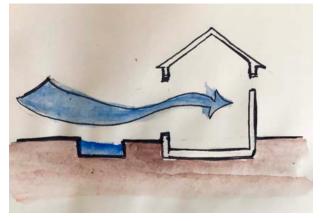


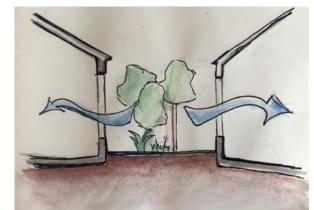












**Bioclimatic** principles for Nicosia

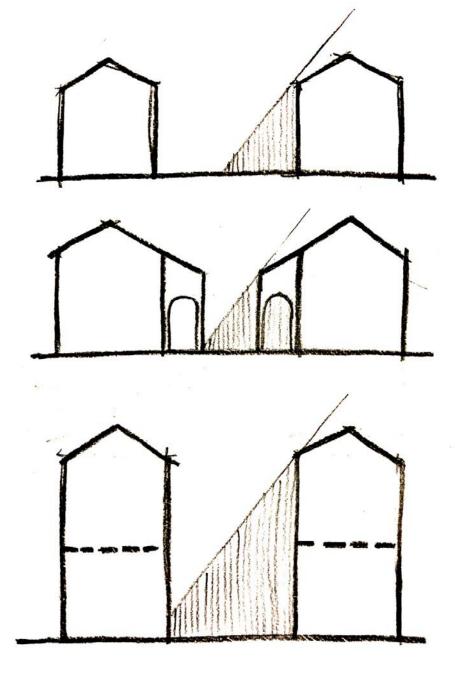
[drawings by Maryam Al-Hiryahim]

- Learn from local historic architecture
- Learn from buildings in warmer regions
- Use the local future climate smartly
- Use the geological features
- Use local materials



**Energy strategy**: Prof Andy van den Do

elsteen, Delft University of Technology



#### **Passive measures**

- Narrower streets / higher buildings alongside
- Design to block / admit the sun (awnings, louvres)
- Create buffer spaces (balconies, loggias, verandas)
- Insulate the building envelope (roof, façade, floor)
- Use building mass / phase change materials
- Create thermal draft / wind-driven ventilation
- Use plants / fountains for evaporative cooling



#### Active energy saving measures

- Low-temperature heating, high-temperature cooling (underfloor/wall system, air system)
- Energy-efficient lighting
   (LEDs or e-saving fluorescent lighting)
- Energy-efficient appliances
   (washing machines, televisions, fridges, freezers, air-conditioners)

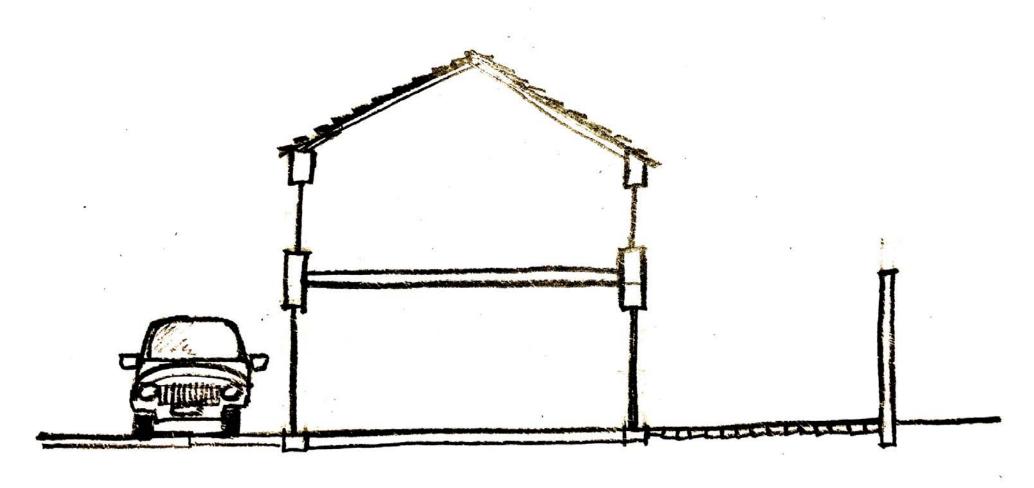






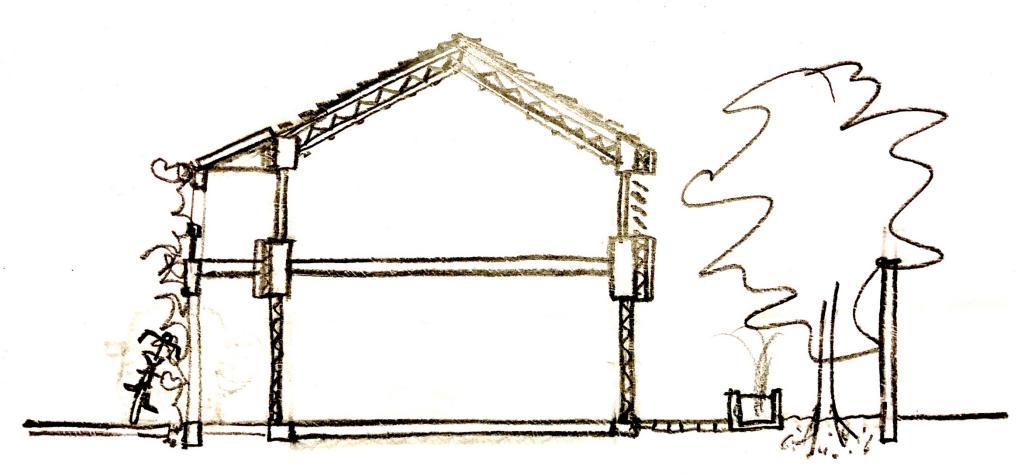


# **Energy retrofit**





#### **Energy retrofit**



- Roof insulation
- Wall insulation
- Double-glazing
- Insulated doors
- Loggia
- Flowering climbers
- Garden tree
- Garden water
- Solar roof tiles
- Solar collector
- Bicycles

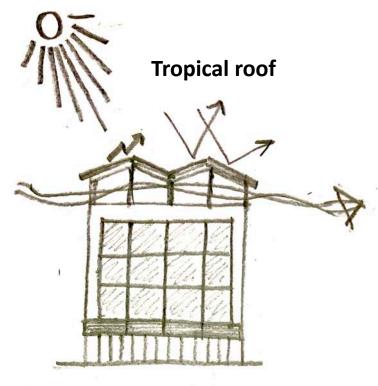






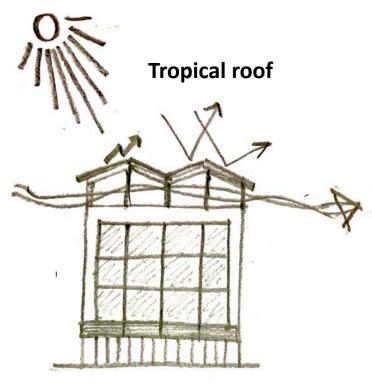
Nicosia, Cyprus, May 2019













# Household retrofit + solar electricity panels

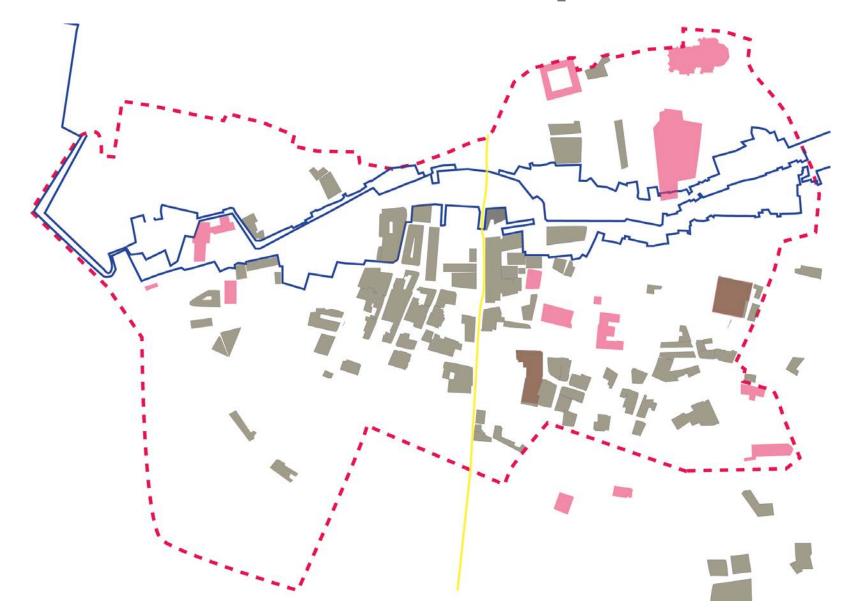
- Retrofit investment a home: € 15,000
   Thermal insulation, highly performant windows, new energy-efficient appliances and LED
- Combined with 3 kW PV panels for € 3,900
- 65% savings on energy bill
- → Payback time: 16 years

Yearly cost for mobility for 1 family:

- 2 cars: annual costs € 15,000
- 1 car, 2 electric bikes,
   € 800 for public transport
   → annual costs: € 9,400
- Annual savings: € 5,600!



#### Flat roofs in our area: potential for solar panels







# This could be PV!





This could be PV!

Solar art















#### This could be done in a local energy company (LEC)

#### A community looking for

- Energy independence
- Participation in the energy market
- Lower electricity prices
- Reduced CO<sub>2</sub> emissions

#### They are involved in energy

- Production
- Storage
- Distribution
- Sharing and trading
- Supply
- Aggregation





6 years!



#### **Benefits**

#### For citizens



Involvement in the energy transition



Spread initial financial investment in smart technology and RE production



Energy independence



Local economic development

#### For society



The uptake and integration of renewables



Enable cost-effective grid expansion or operation



Promote energy savings and electro-mobility

#### **Proposal for Nicosia**

Communities in Nicosia



People living in apartment blocks



A group of

local shops offices

#### Location of communal solar panels



Buffer zone

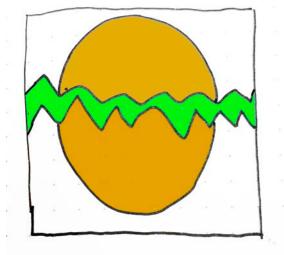


The city wall



Rooftop of apartment blocks





#### **Problems**

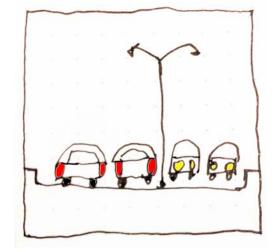
**Division** 

Not the biggest.....





Urban design strategy: Prof Greg Keeffe, Queens University, Belfast.



#### **Problems**

Car usage

Bigger...

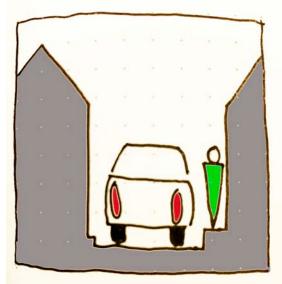
**Heat island** 

Climate change Sustainability



Nicosia, Cyprus. May 2019





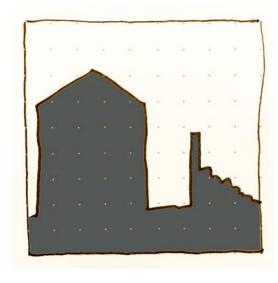
**Problems** 

People unfriendly space

Car dominated...





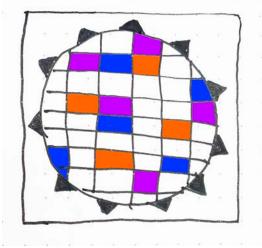


#### **Problems**

- Heritage at risk
- The possibilities are endless.....







#### **Problems**

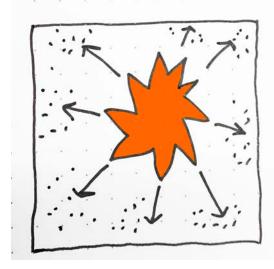
No obvious centre public space in the city



Problems compounded by

Suburban growth





#### **Problems**

Suburban growth

No transport infrastructure

**Car-based transit** 

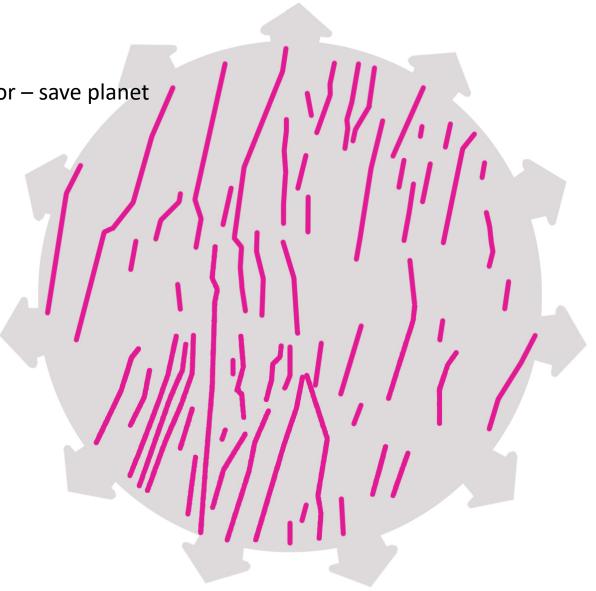


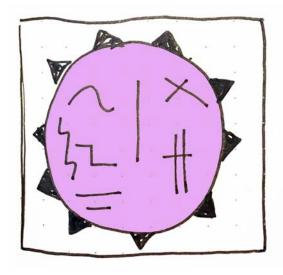
**Key Premise** 

Change space – change behavior – save planet

Network issues

N-S





#### **Network issues**

Change space

Change behaviour

Save lives

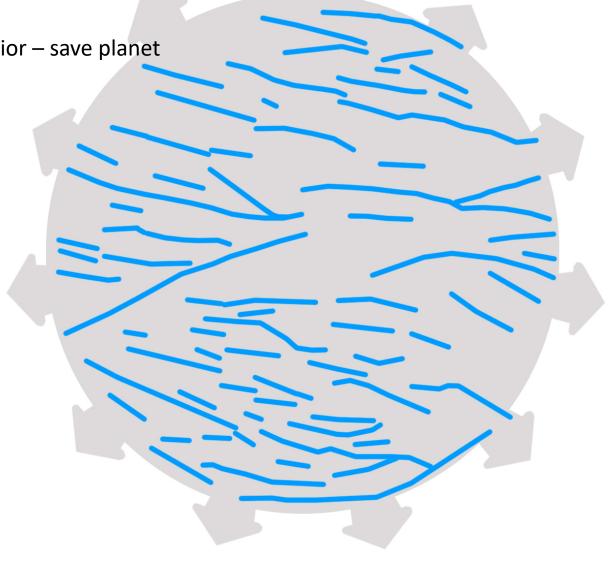
Save planet

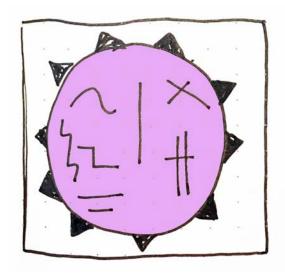


Key Premise

Change space – change behavior – save planet

Network issues E-W





#### **Network issues**

Change space

Change behaviour

Save lives

Save planet



**Urban design strategy: Prof Greg Keef** 

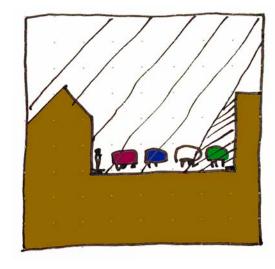
Nicosia, Cyprus. May 2019

Key issues

Change space – change behavior – save planet

Get people out of the car.... 2000 deaths a year from circulatory problems....





# Get people out of the car

Change space

Change behaviour

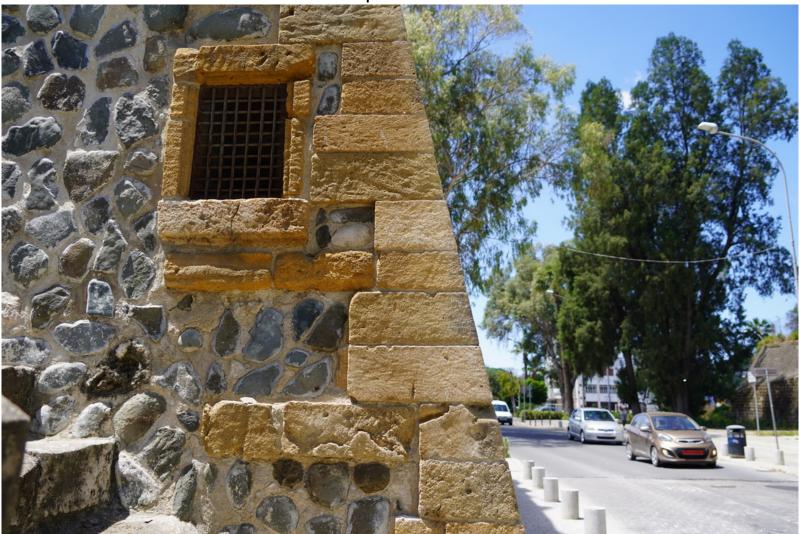
Save lives

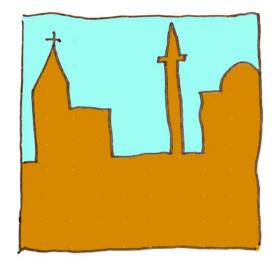
Save planet



#### History to heritage

How do we unlock resilience and keep all histories......





#### History to heritage

History

History

History

People



#### The Challenge

Invent something that you will actually do!

Affordable

Time-bound

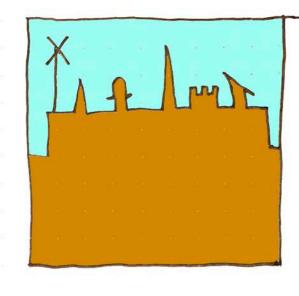
Methodological and Emergent

Politically acceptable

Understandable by all

Yet.....

Radical – because it's an emergency!!



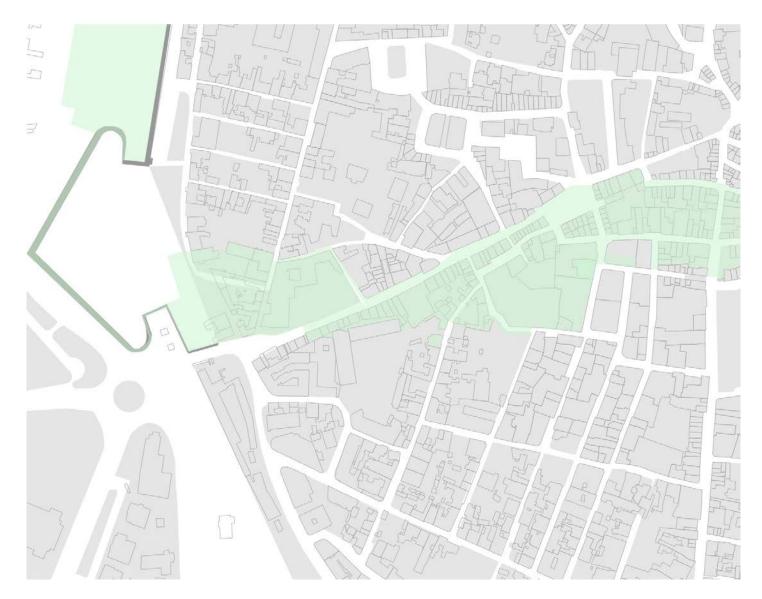
The Challenge

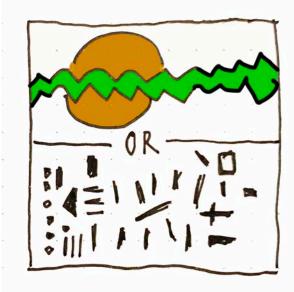
Community buy-in

**But radical change** 



#### Greenzone





**Green zone analysis** 

Green zone

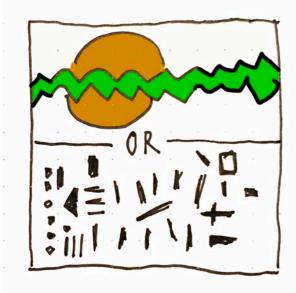
**Geographically** immense

Spatially invisible



Greenzone





#### **Green zone analysis**

Green zone

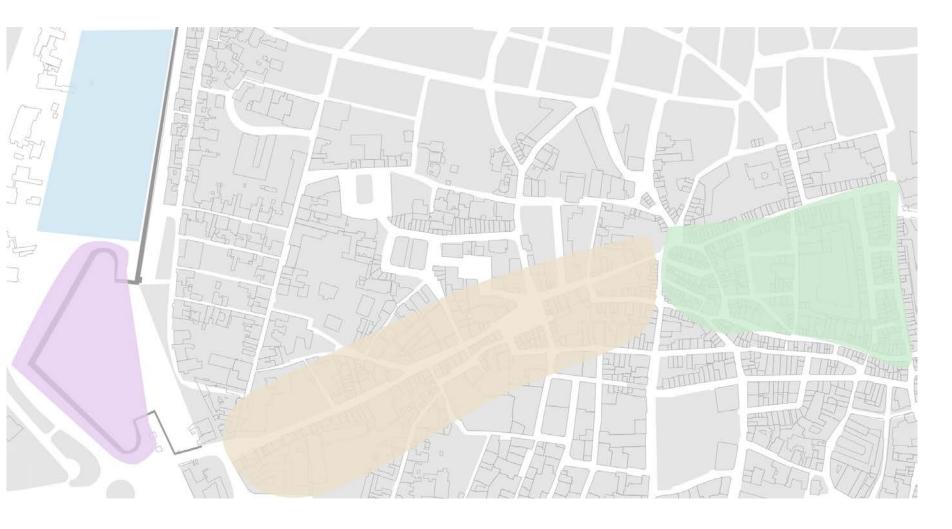
**Geographically** immense

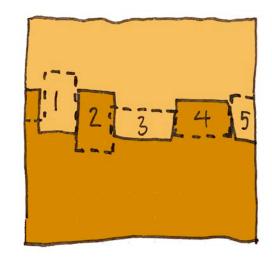
Spatially invisible



Nicosia, Cyprus. May 2019

#### Zoning the Greenzone





#### **Peacemeal Green-zone**

Green zone

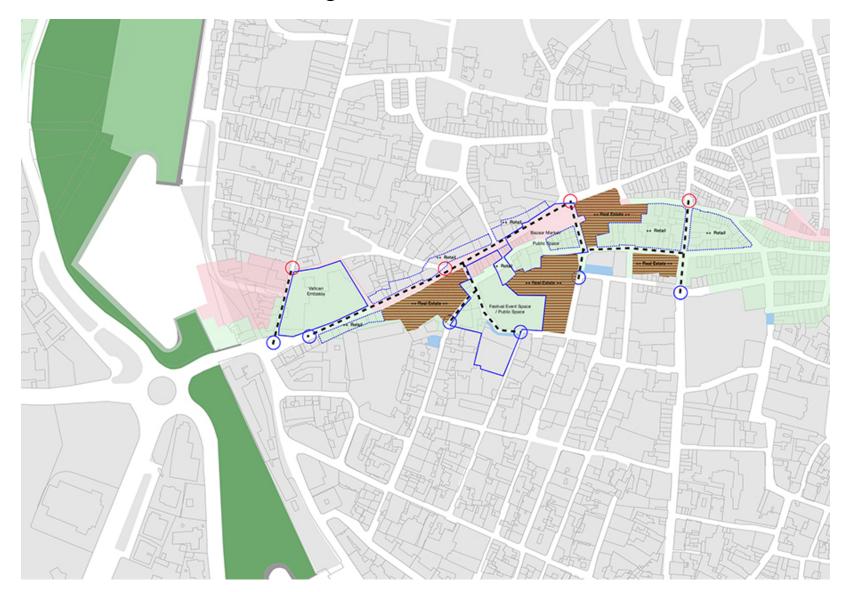
To complex to remove wholly

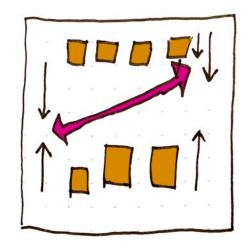
So do in bits.....

Benefit each side



#### Create a centre. Green Line changes





#### **Create a shared Centre**

New centre

One new gate

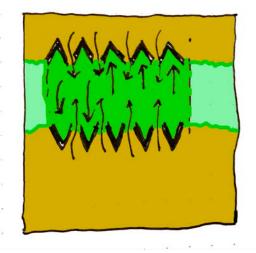
**Neutral space** 

Co-developed



Create a centre. Green Line changes. Airline pass





#### Create a centre

Airport pass

All cypriots

Tourists pay in advance

One side or both side clearance

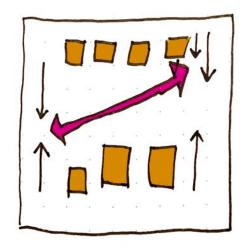


Nicosia, Cyprus. May 2019

Create a centre. Green Line changes

#### From





#### The Bazaar

New centre

One new gate

**Neutral space** 

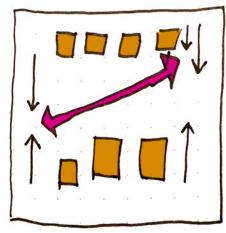
Co-developed



Create a centre. Green Line changes

To





#### The Bazaar

New centre

One new gate

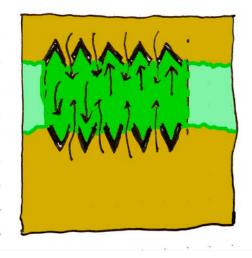
**Neutral space** 

Co-developed



Green line moves Central zone. Ledra Street westwards.





#### Green line detail

Check-in to zone

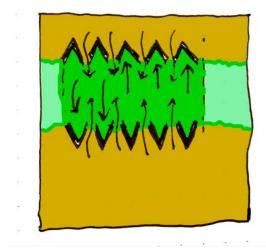
Airport gate... register in advance

Seamless check in and out



Green line moves Central zone. Ledra Street westwards.





#### Green line detail

Check-in to zone

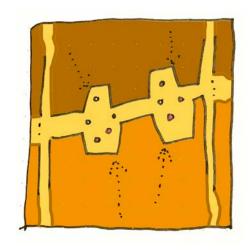
Airport gate... register in advance

Seamless check in and out



Green line moves New streets, New square.





#### New shared centre

**New streets** 

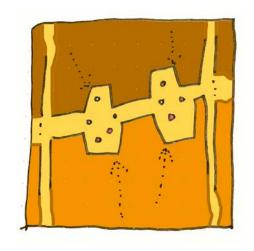
**Shared heritage** 



Green line moves

New street





#### **New shared centre**

**New streets** 

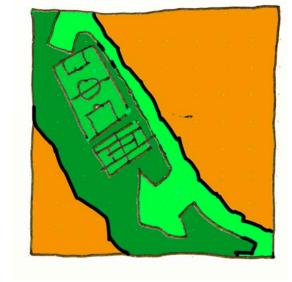
Global/Local infrastructure



Green line moves

New Sports place.





New shared centre

Shared sports in between the bastions....

Click in/Click out



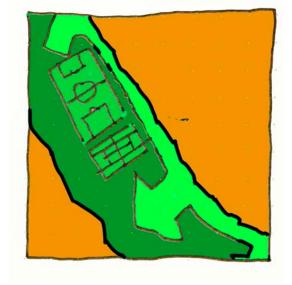
Nicosia, Cyprus. May 2019

Green line moves

New Sports place.







New shared centre

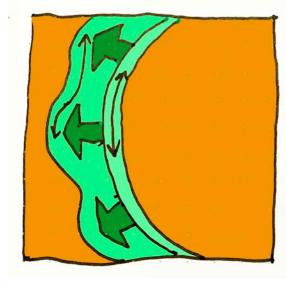
Shared sports in between the bastions....

Click in/click out



#### The Green ring......





#### New green park

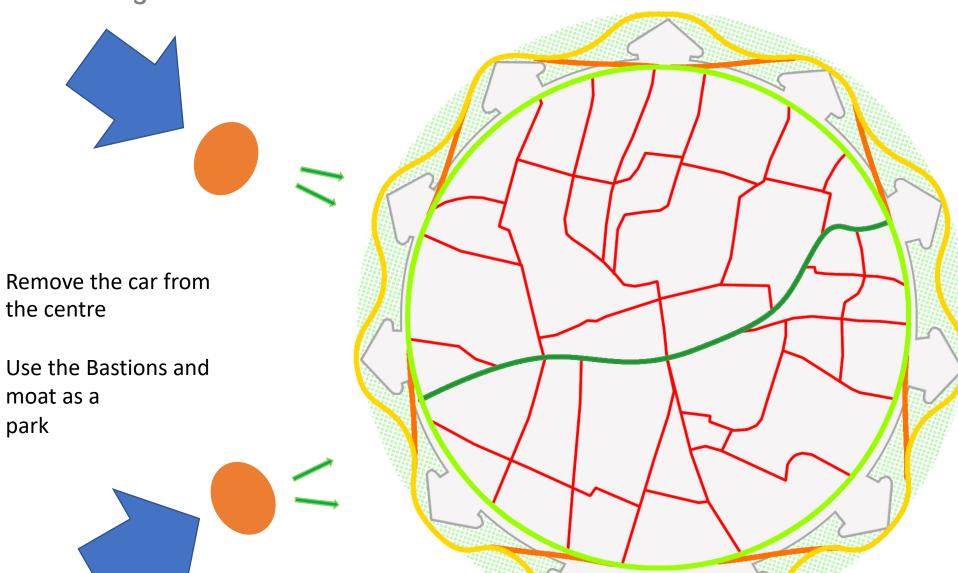
**Sports** 

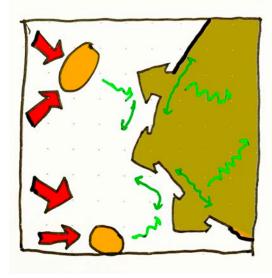
Cycle routes

Tree nursery

**Climate protection** 







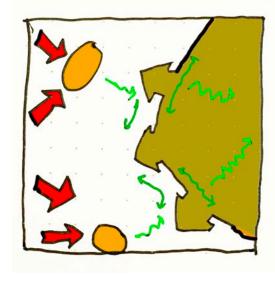
#### Car removal

- reduced intensity
- **Everyone exercises**
- **Shaded routes**
- Lower temperatures



Car removal Park and Ride (a bike) or walk





#### Car removal

reduced intensity

**Everyone exercises** 

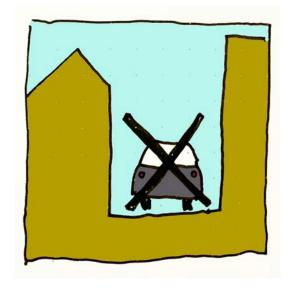
**Shaded routes** 

Lower temperatures



#### Car removal inside the ring





Car removal

Inner city changes

People first

Green infrastructure

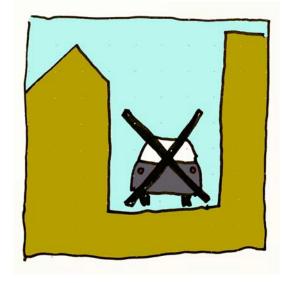


Urban design strategy: Prof Greg Keeffe, Queens University, Belfast.

Nicosia, Cyprus. May 2019

### Car removal inside the ring Creates people space





Car removal

Inner city changes

People first

Green infrastructure



The Bastion park





**The Bastion Park** 

Increased green

**New infrastructure** 

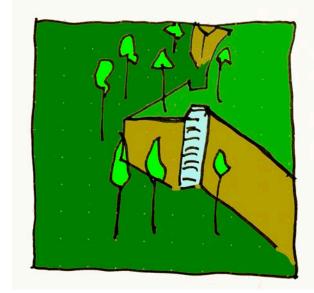
Energy/mobility/social

Tourist/heritage enabling



The Bastion park





**The Bastion Park** 

Increased green

**New infrastructure** 

Energy/mobility/social

Tourist/heritage enabling



#### The Bastion Park





**The Bastions** 

Increased green

**New infrastructure** 

Energy/mobility/social

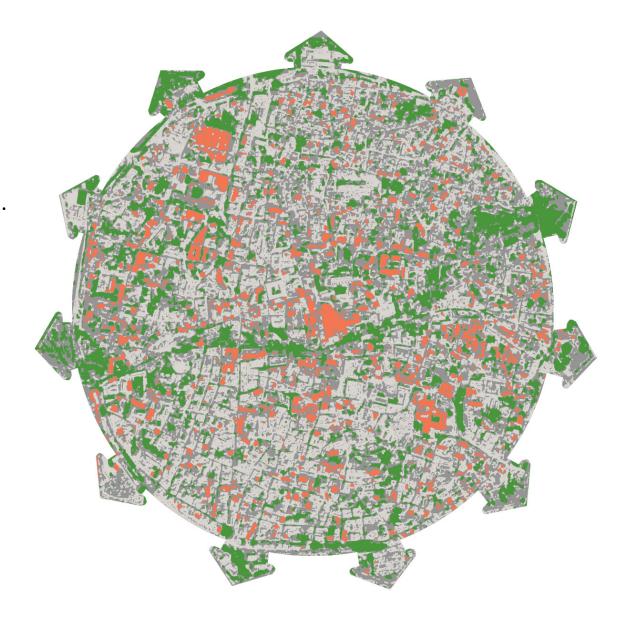
Tourist/heritage enabling

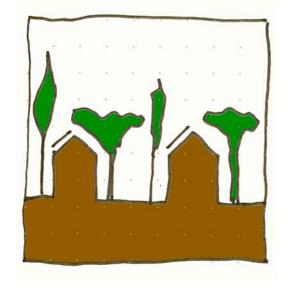


City as forest

Hide the city in a forest

Hide a forest in the city.....





City as forest

**Increased intensity** 

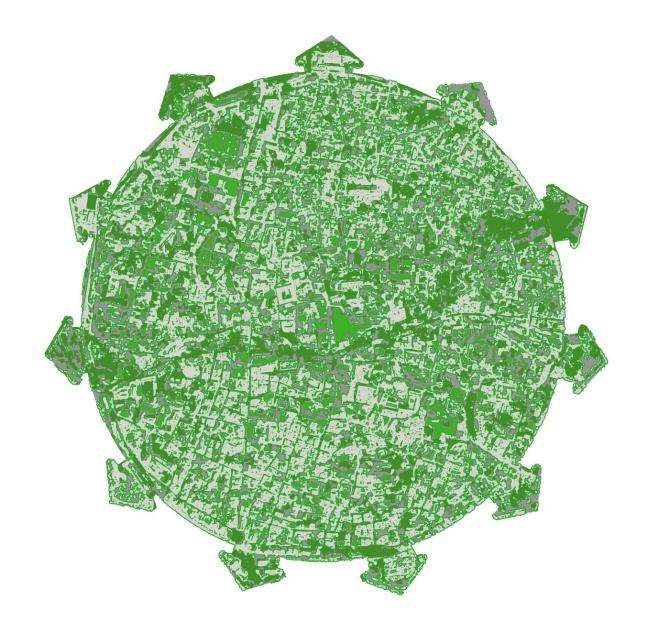
Community services

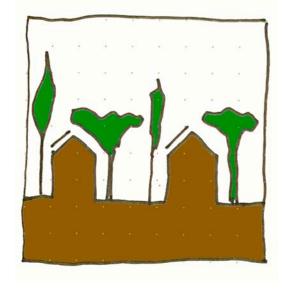
**Increased density** 

Reason to visit



Green the city



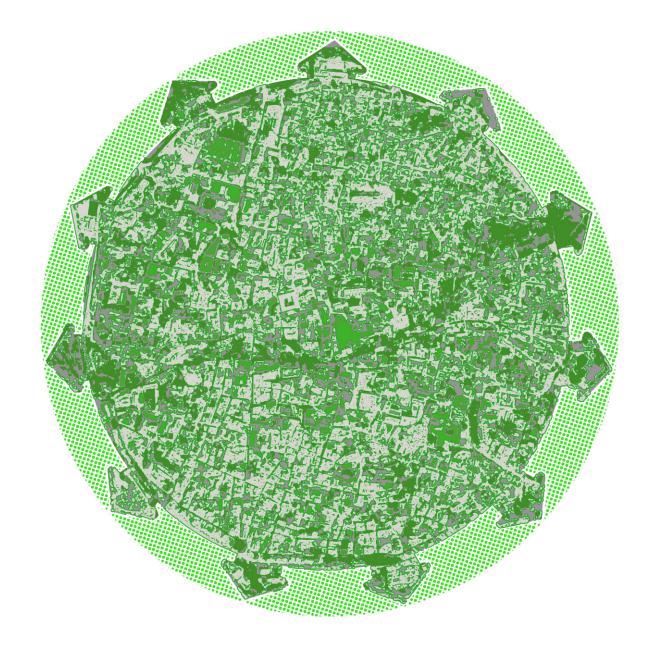


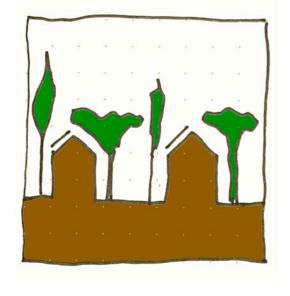
City as forest

- **Increased intensity**
- Community services
- **Increased density**
- Reason to visit



**Green the Bastions** 





City as forest

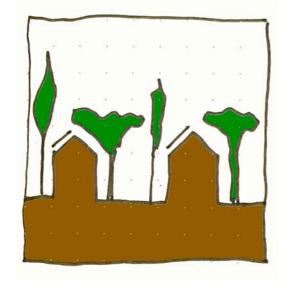
- **Increased intensity**
- Community services
- **Increased density**
- Reason to visit



City as forest

Hide the city in a forest – Hide a forest in the city.....





City as forest

**Increased intensity** 

**Community** services

**Increased density** 

Reason to visit

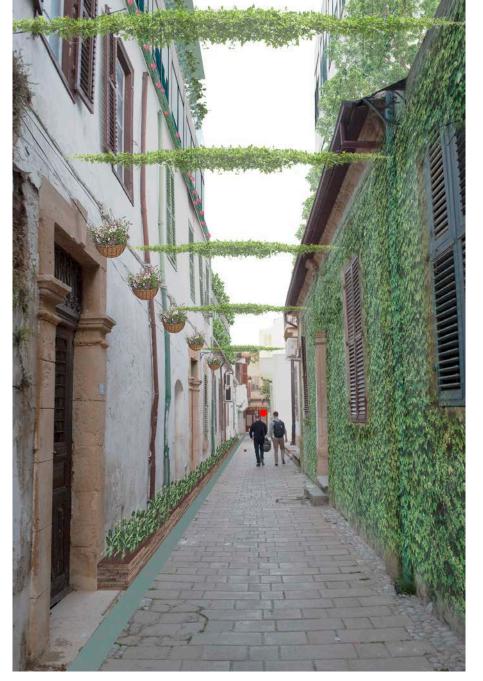


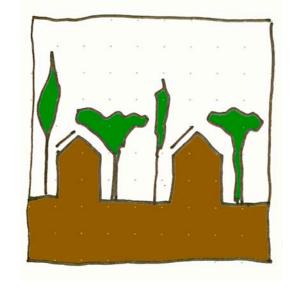
City as forest

Hide the city in a forest –

Hide a forest in the city.....

Greywater facades





City as forest

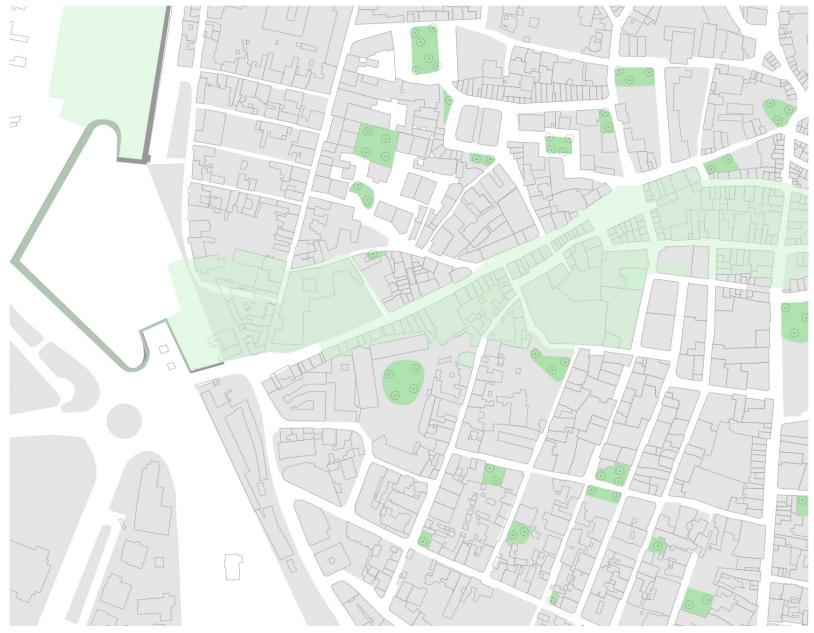
**Increased intensity** 

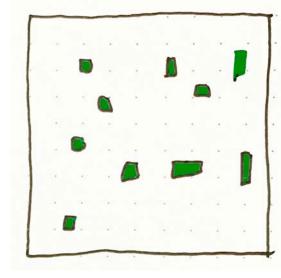
**Community** services

**Increased density** 

Reason to visit







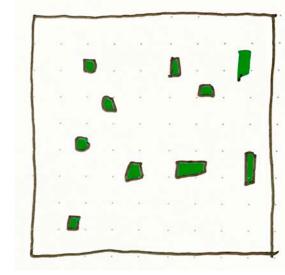
## **Pocket parks**

Re-purpose carparks.

New 100m infrastructure that reduces heat island effect







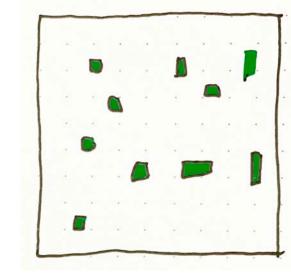
## **Pocket parks**

Re-purpose carparks.

New 100m infrastructure that reduces heat island effect







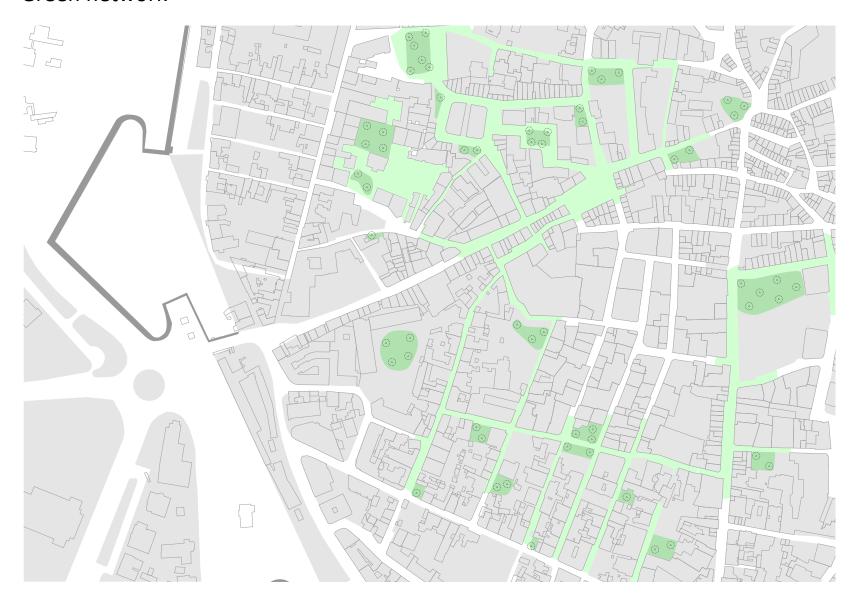
## **Pocket parks**

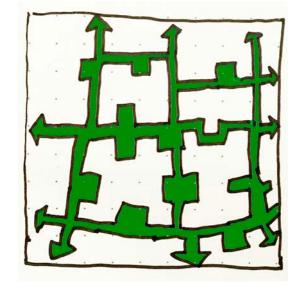
Re-purpose carparks.

New 100m infrastructure that reduces heat island effect



#### Green network



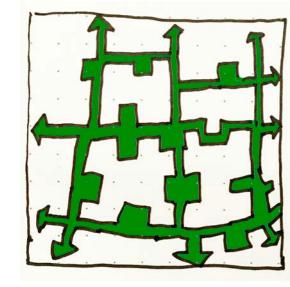


#### **Green Network**

- Connect inner-city Pocket parks.
- Make shaded network of places to walk







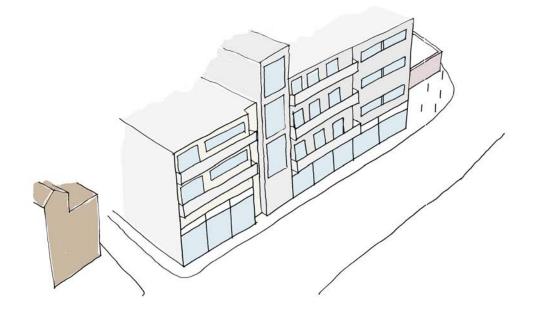
#### **Green Network**

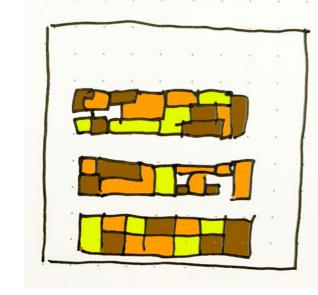
Connect inner-city Pocket parks.

Make shaded network of places to walk



Densification - south





#### Densification

Increased density

**Increased intensity** 

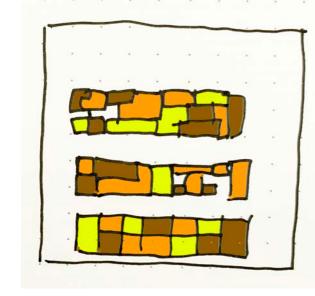
More shade

Better community services



Densification + greening





#### **Densification**

Increased density

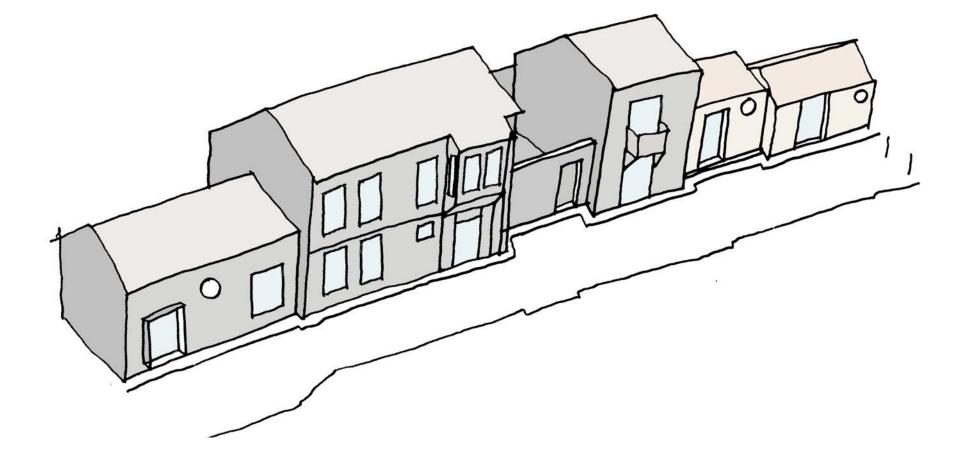
**Increased intensity** 

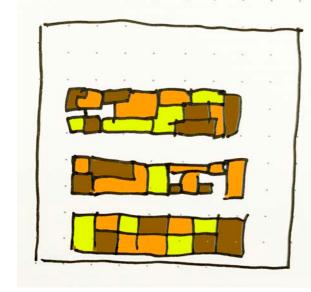
More shade

Better community services



#### **Densification North**





#### **Densification**

Increased density

**Increased intensity** 

More shade

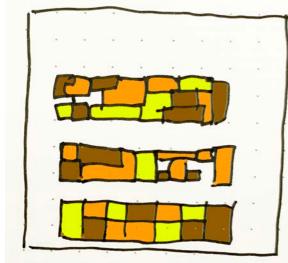
Better community services



## Densification and greening

Urban design strategy: Prof Greg Keeffe, Queens University, Belfast.





#### **Densification**

**Increased density** 

**Increased intensity** 

More shade

Better community services



Nicosia, Cyprus. May 2019





Re-invent the street

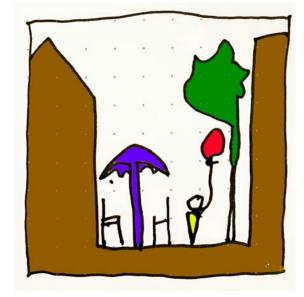
Reclaim territory from the car

**New community** 

**Increased intensity** 







Re-invent the street

Reclaim territory from the car

New community

**Increased intensity** 



Climate sequestration... grow the forest in the city and plant it out......

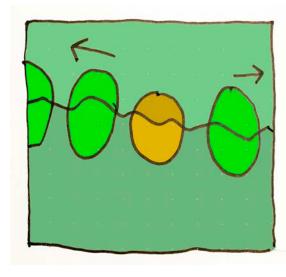












## **Climate sequestration**

World issue

Do your share

1.2 million trees per year for a century

100 cities.....





#### Mustafa Ozan

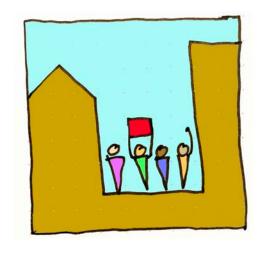
"Hi, I'm Mustafa,

I lived and worked within the walls of Nicosia all my life and run my own business creating hand crafted belts, and bags. The new co-community bazaar in the Green zone, has allowed me to connect better with more customers and especially tourists.

Since pedestrianisation and the electric car share facility I have found the city to be much safer for my children, I too feel so much healthier, and happier and I've found that I have met many new people and made new friends, as I no longer confine myself to my car.

The new car share at the city walls has allowed me to use different vehicles when I need them. I can now get a van when I need to collect materials and a campervan for the family trips at the weekend

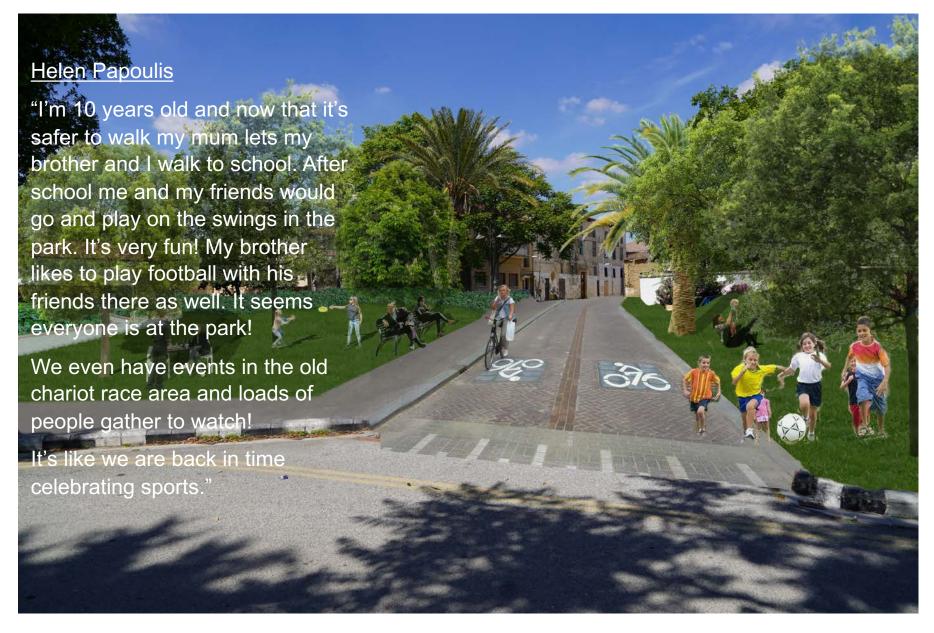
I was sceptical at first but I feel the changes in the city have really improved my quality of life."

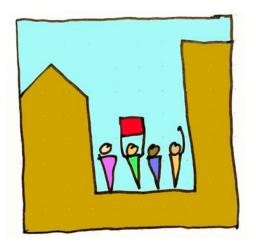


Pen picture 1

Keep it local







#### Pen picture 2

Kids deserve a better future



#### Ela Sari

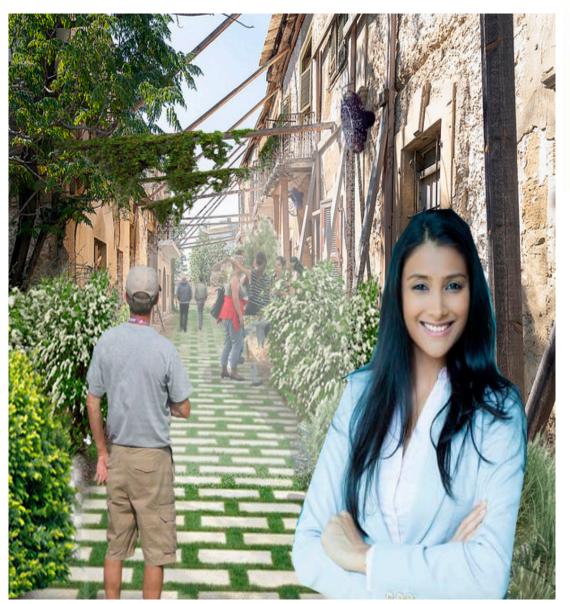
"Hello, my name is Ela,

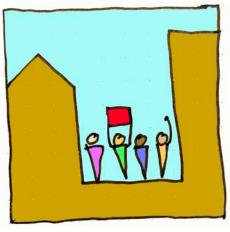
My family home is in the suburbs of Nicosia. I spend much of my time within the walls of the city as my children go to school there and I work as an architect in the walls.

I can take the kids after School to the Park. There's more wildlife within the city walls now, and the city air also seems to be easier to breath and cleaner.

My new P.V. panels on my roof have drastically decreased our energy bills making it possible for us to now afford more meals out, and the ability to go do activities with the kids means a less stressful life. I feel the changes to Nicosia have really made mine and my children's lives better.

I now cycle to work every day from outside the walls using the bike share and really enjoy it. We are now considering, when the kids are older, moving into the walled city to get more out of the new streets and parks."





Pen picture 3

Help the commuter



#### Alexandro Angelos

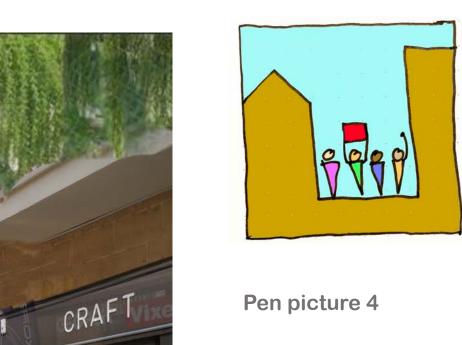
"I came to study from abroad at the University the all enjoy the lifestyle and culture. I can now rent in the middle of the city and all the restored buildings make the experience very unique. There is nowhere else I would rather work!

The city has become a hub-for new bands and up and coming artists. Every Friday evening there are usually performances in new public space that everyone comes to. The shared public spaces have allowed people from the north and south to mix and spend time together.

This has increased trade and hand-crafted items within the walls.

I now cycle everywhere it's a lovely way to see Nicosia and its historical features. Me and my friends have all stayed within the city to work and live after are study's. Many more people want to live within Nicosia now and not many people are moving away to work elsewhere.

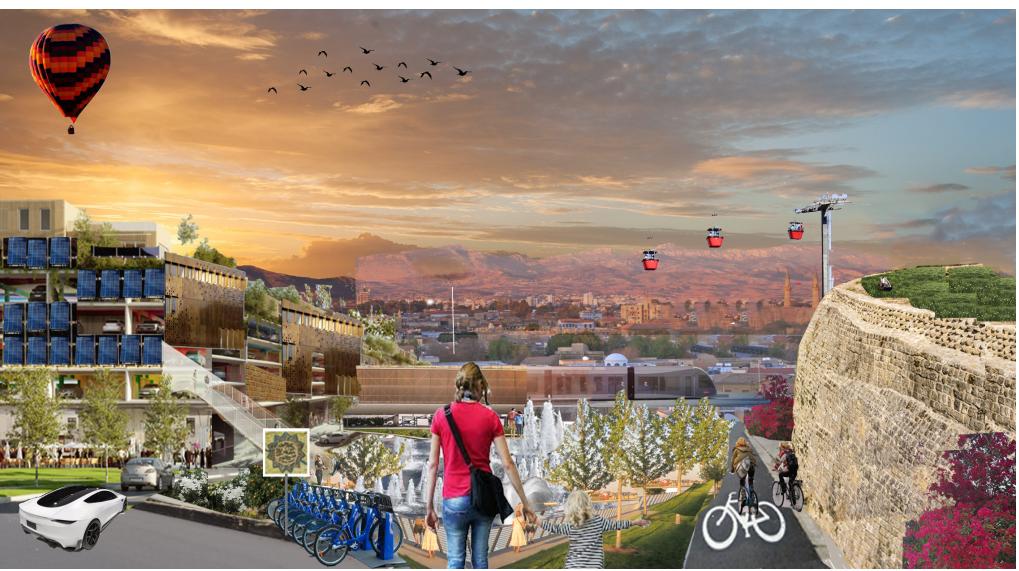
I would not move from my Nicosia now as it is as good as New York, London and Amsterdam if not better in my eyes and would recommend this city to anyone who asked "



New entrepreneurship



#### More More More More...



Queens

Prof Greg Keeffe Dr Andy Jenkins Ms Emma Campbell

**TUDelft** 

Sam van Hooff

**UCLAN** 

Ms Maryam Al-Irhayim Rainer Townend

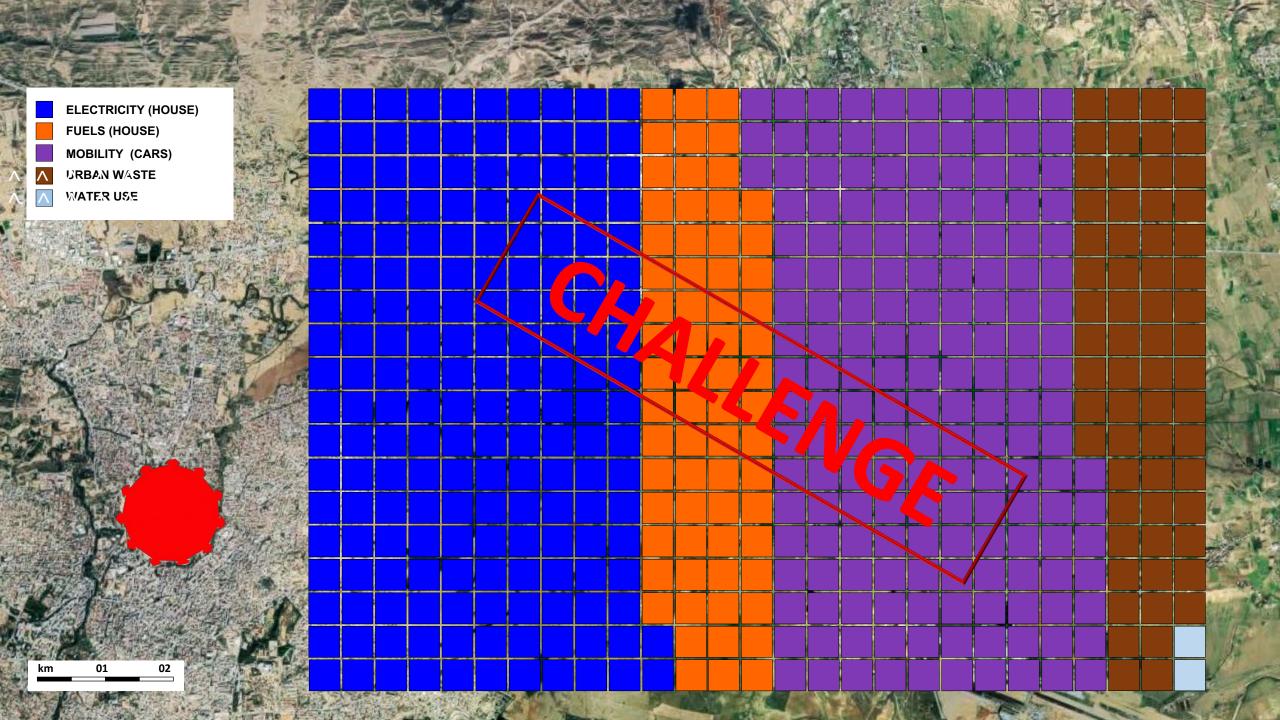
**More History** 

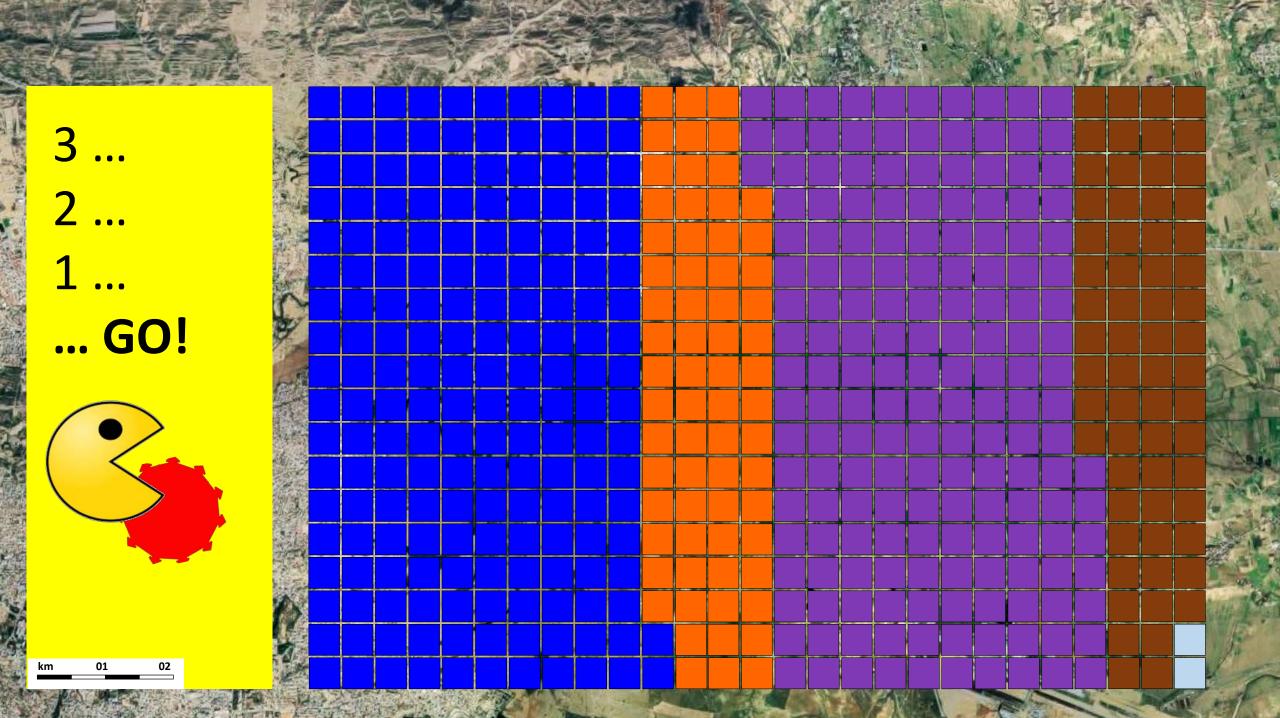
More Green

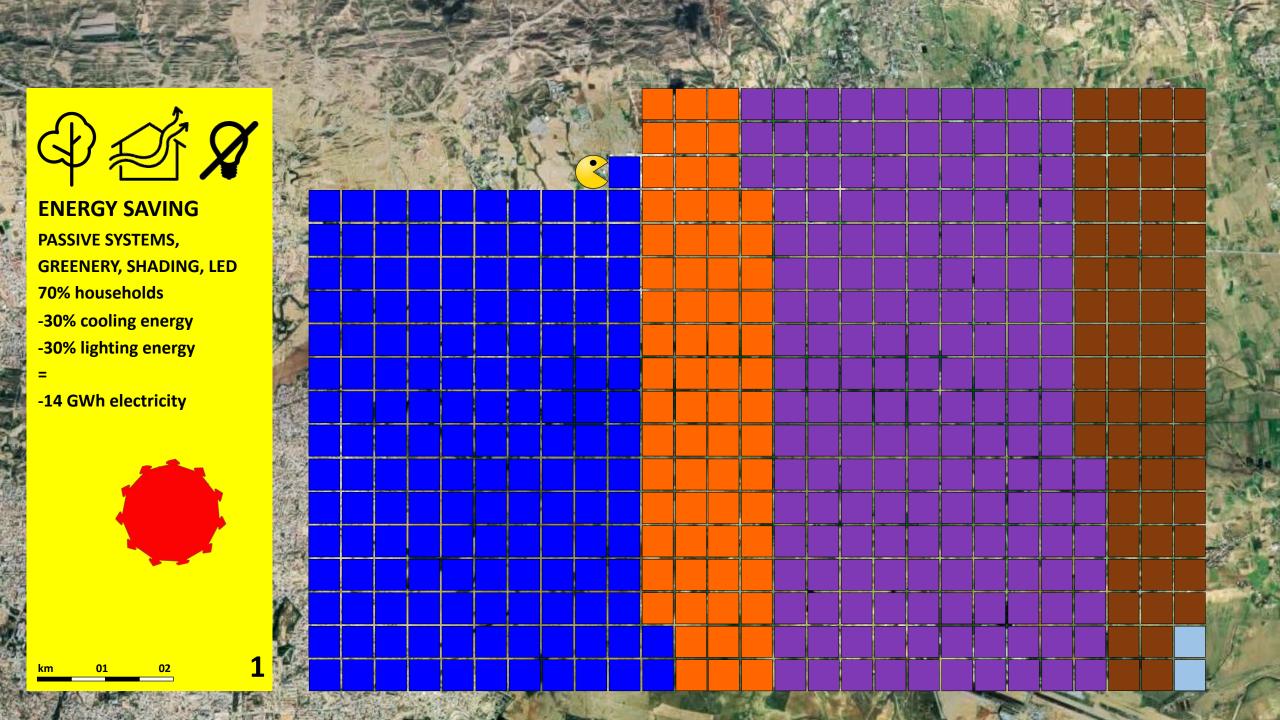
More renewables

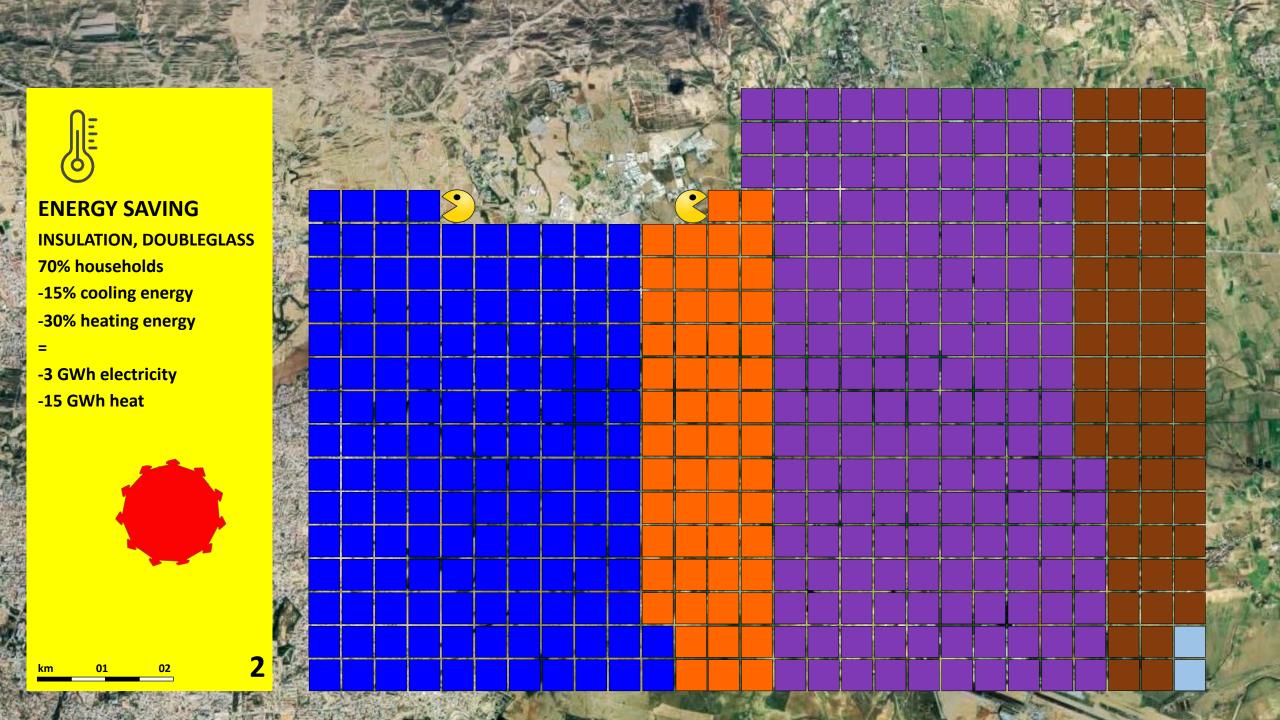
More Fun

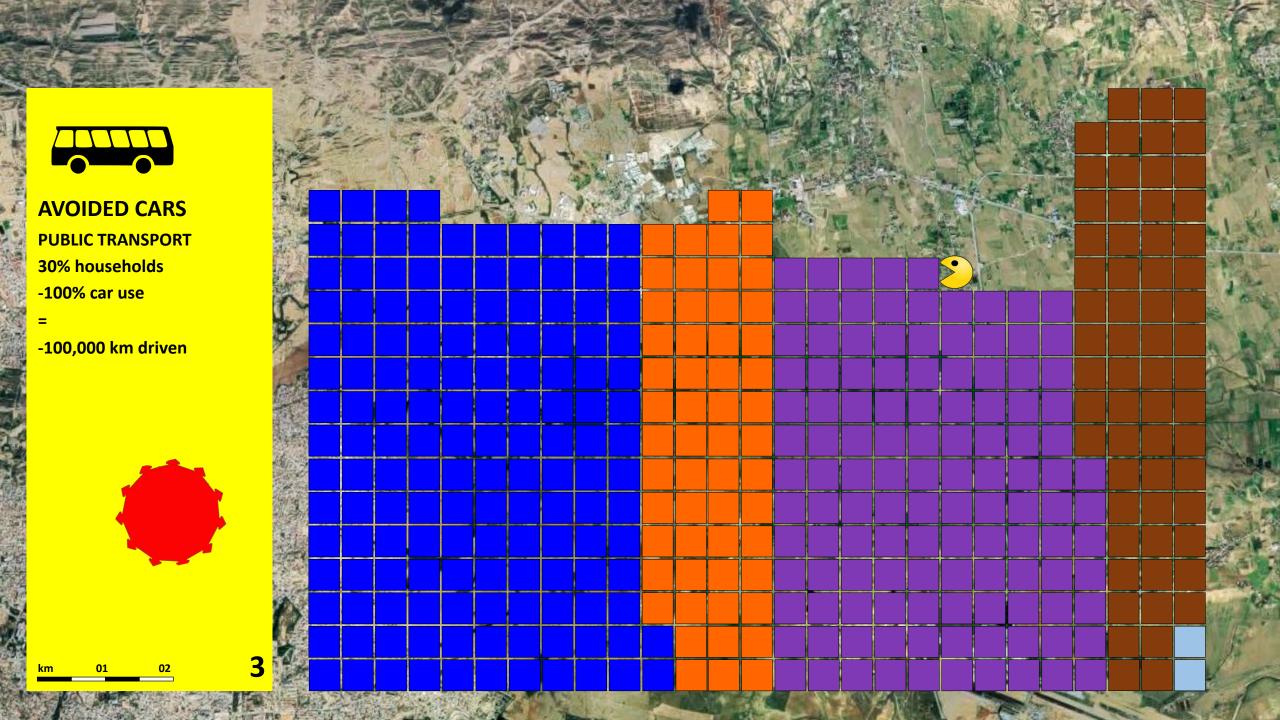


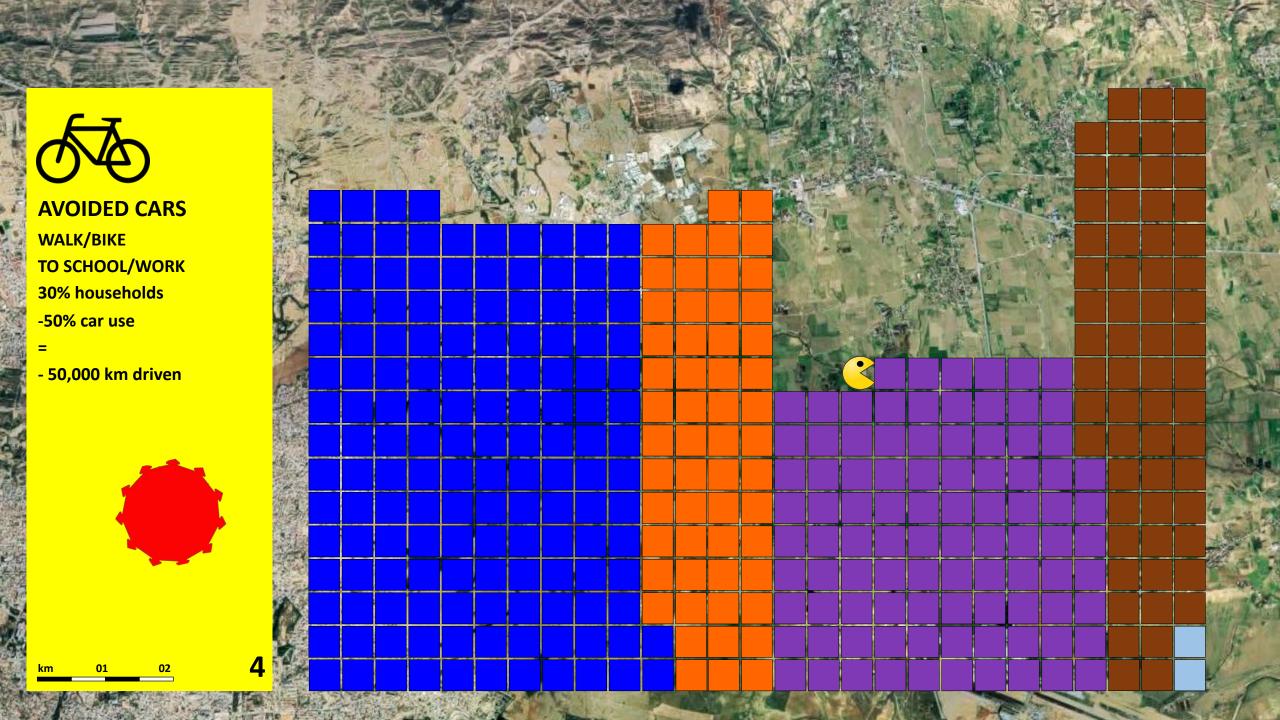


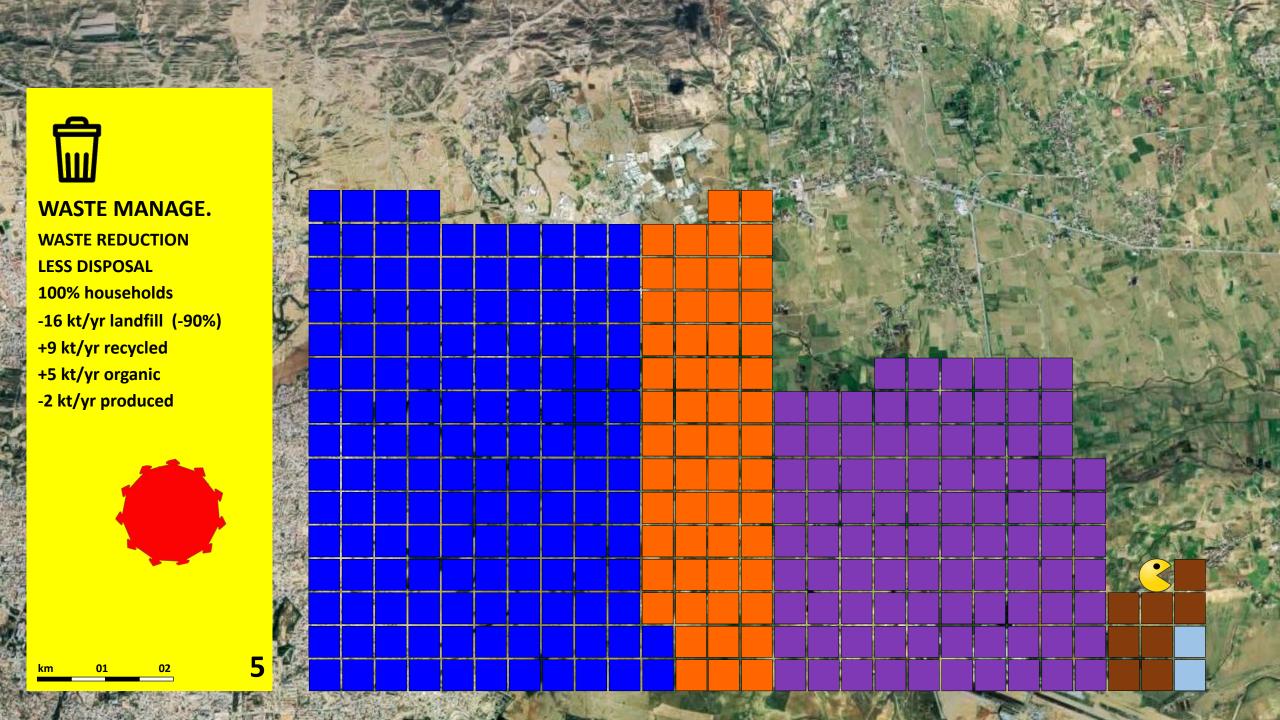


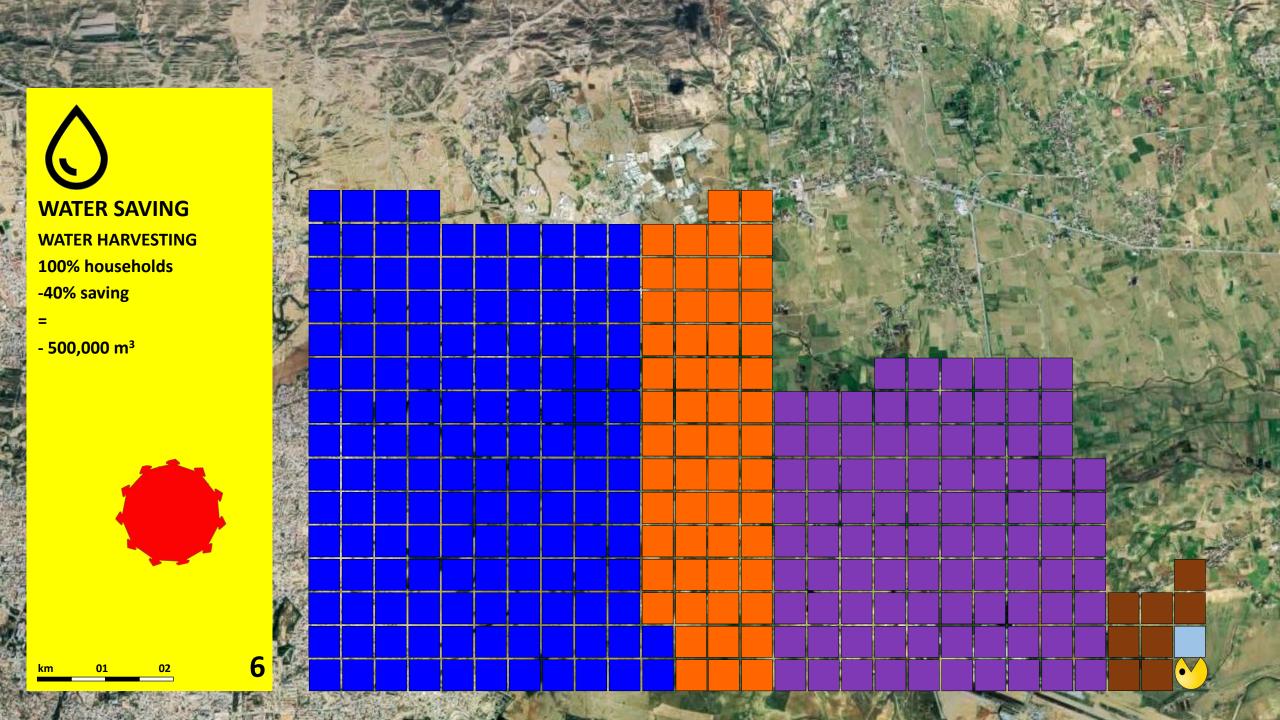


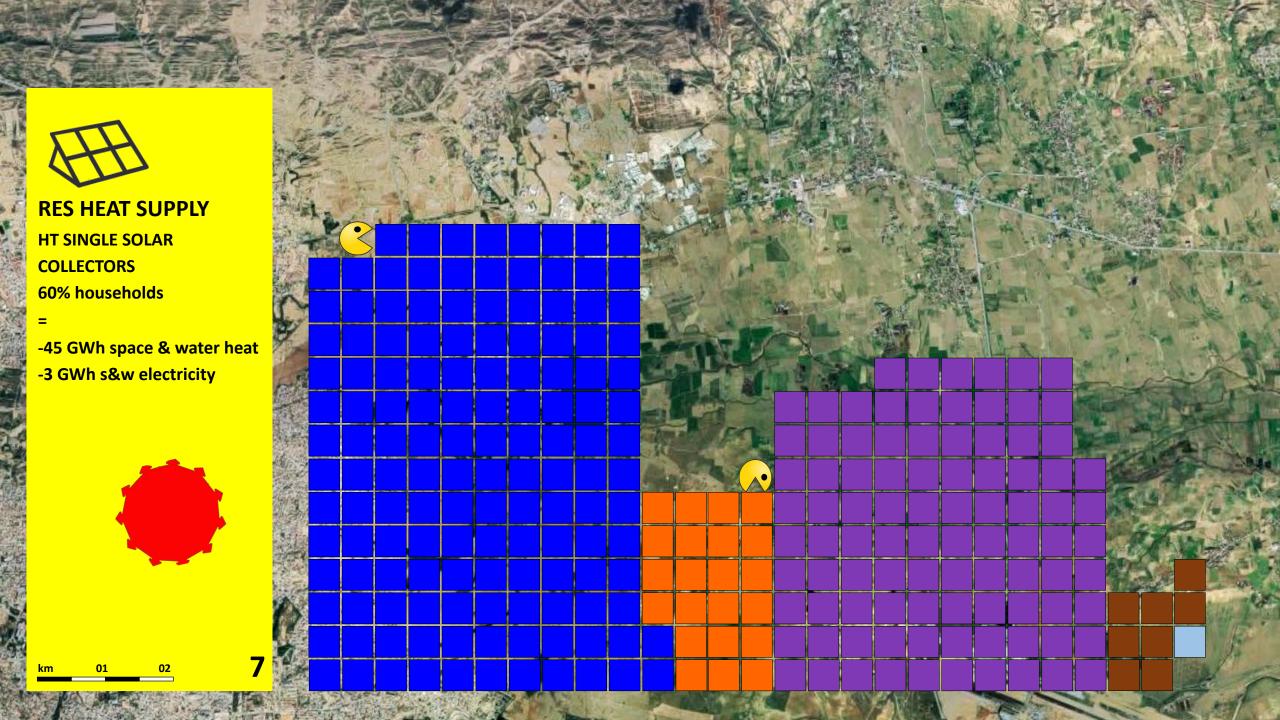


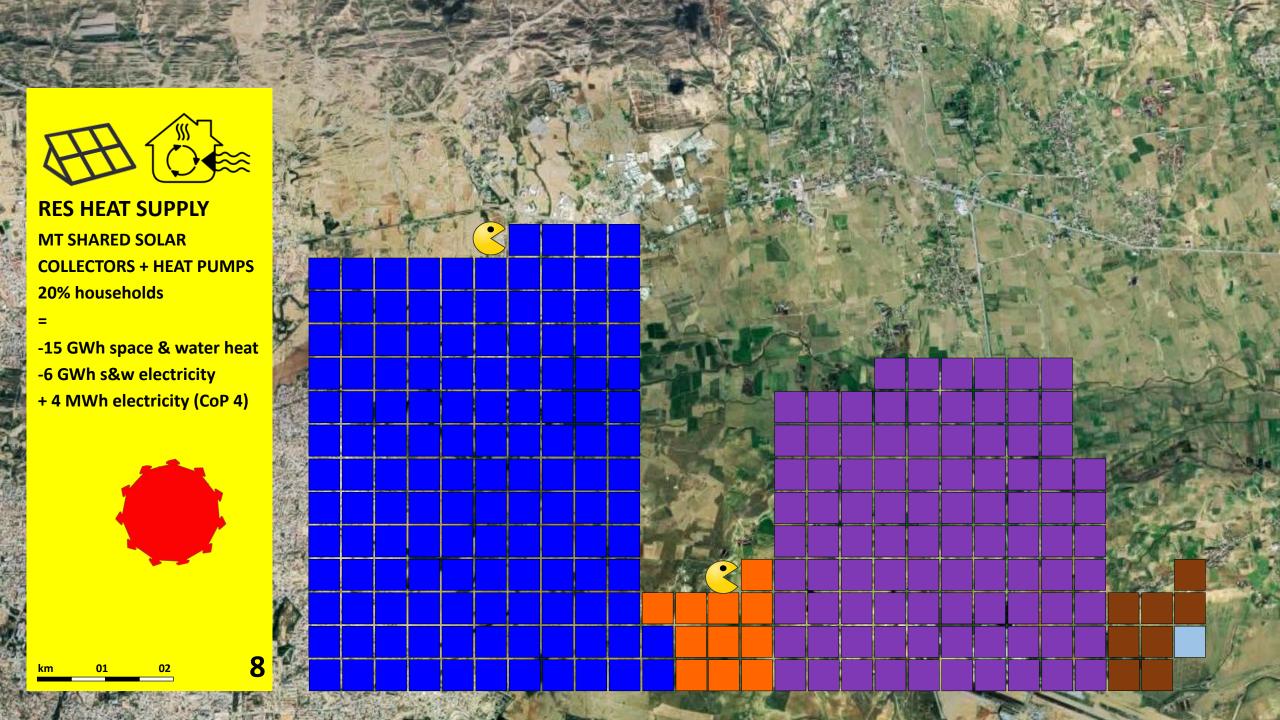


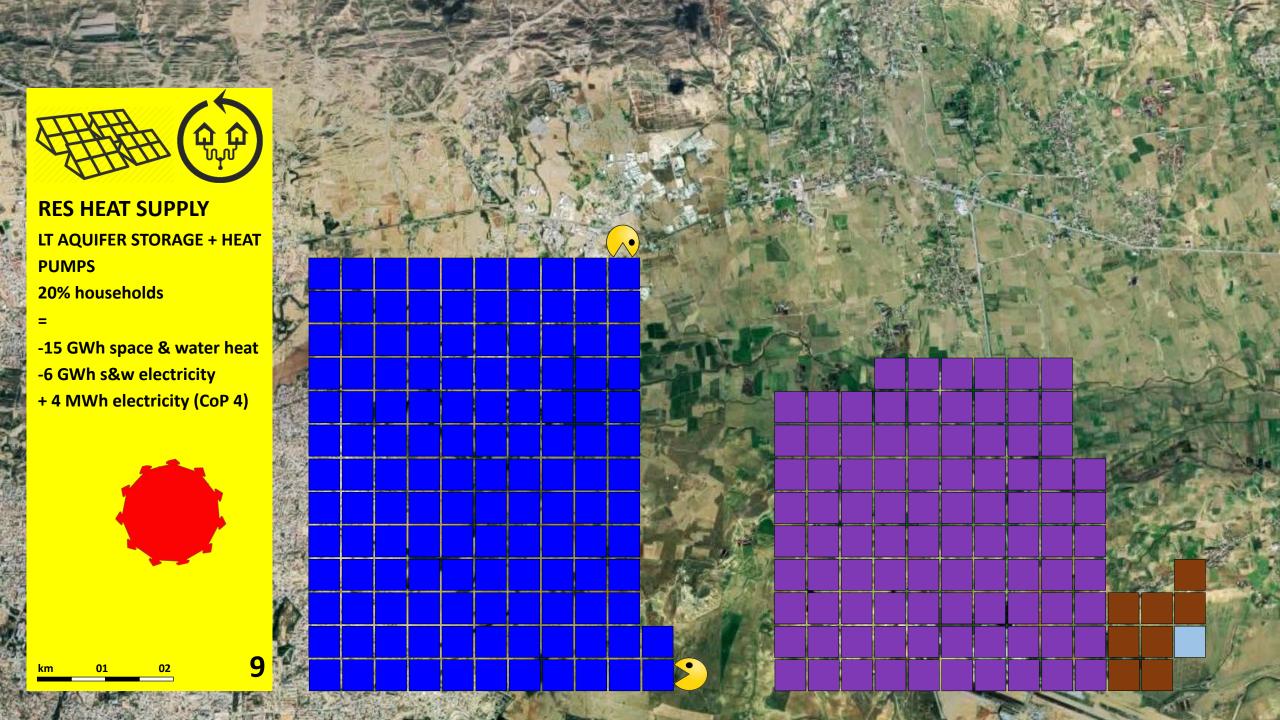


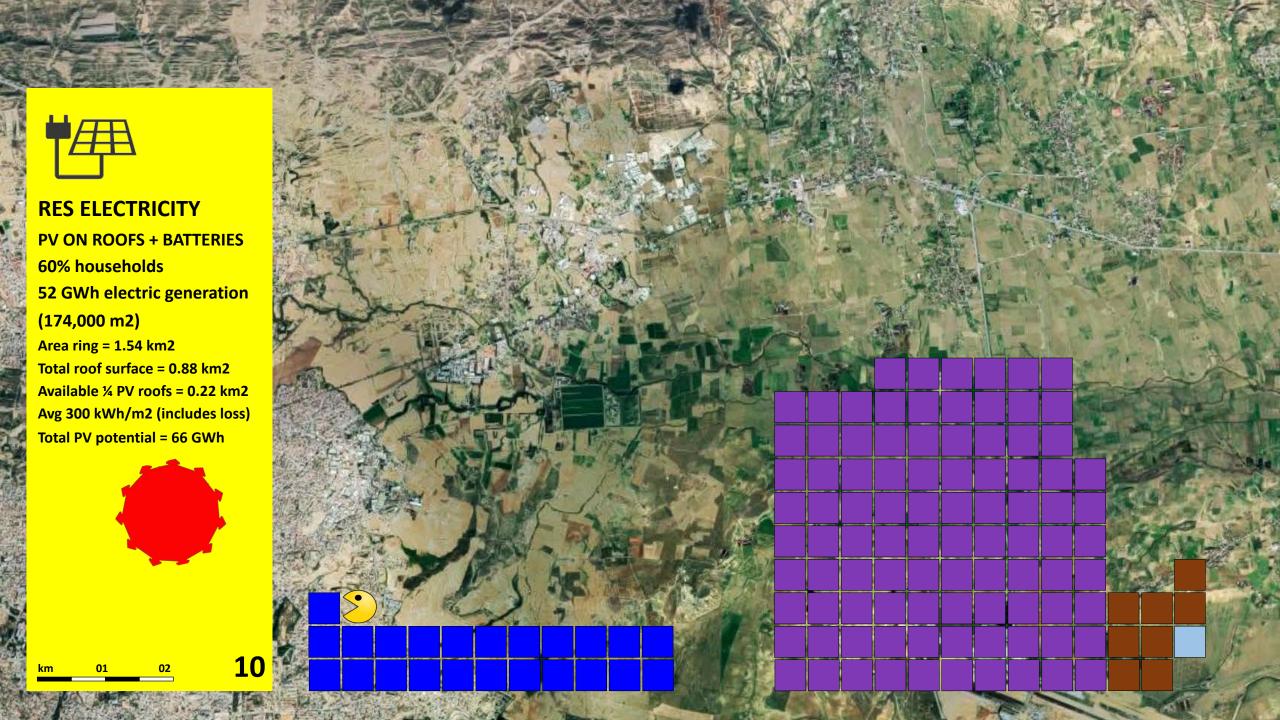


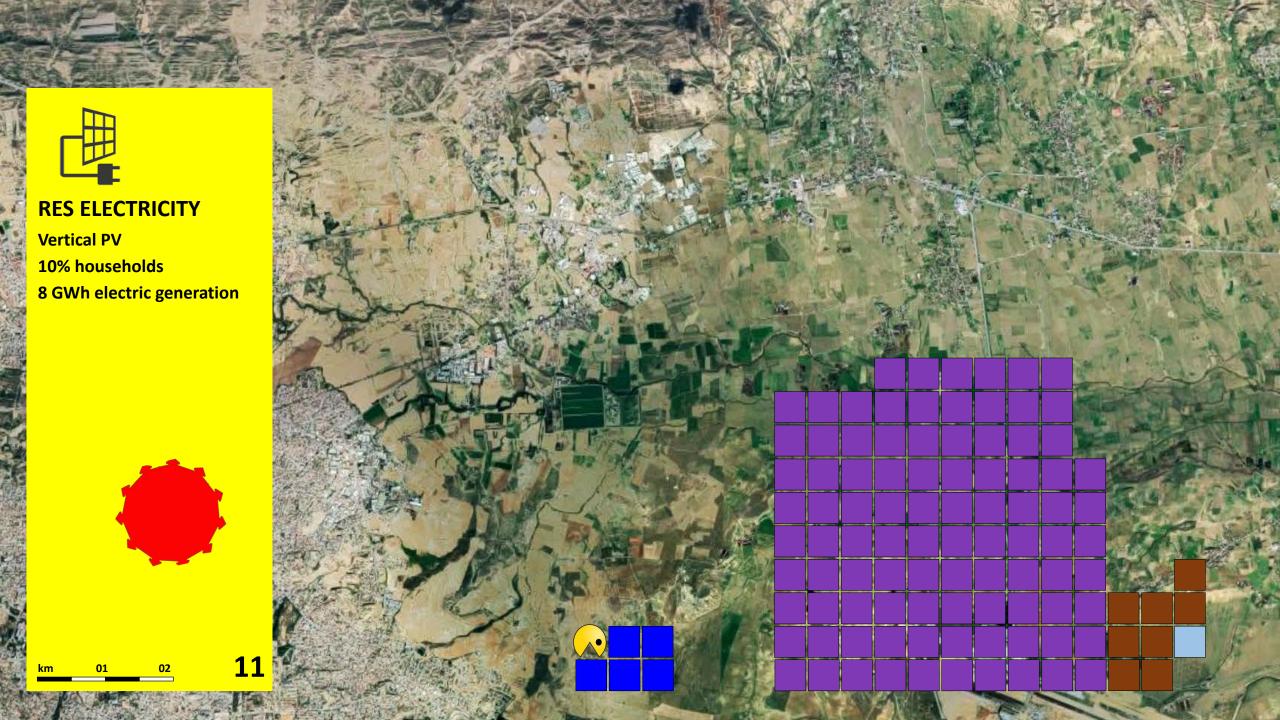


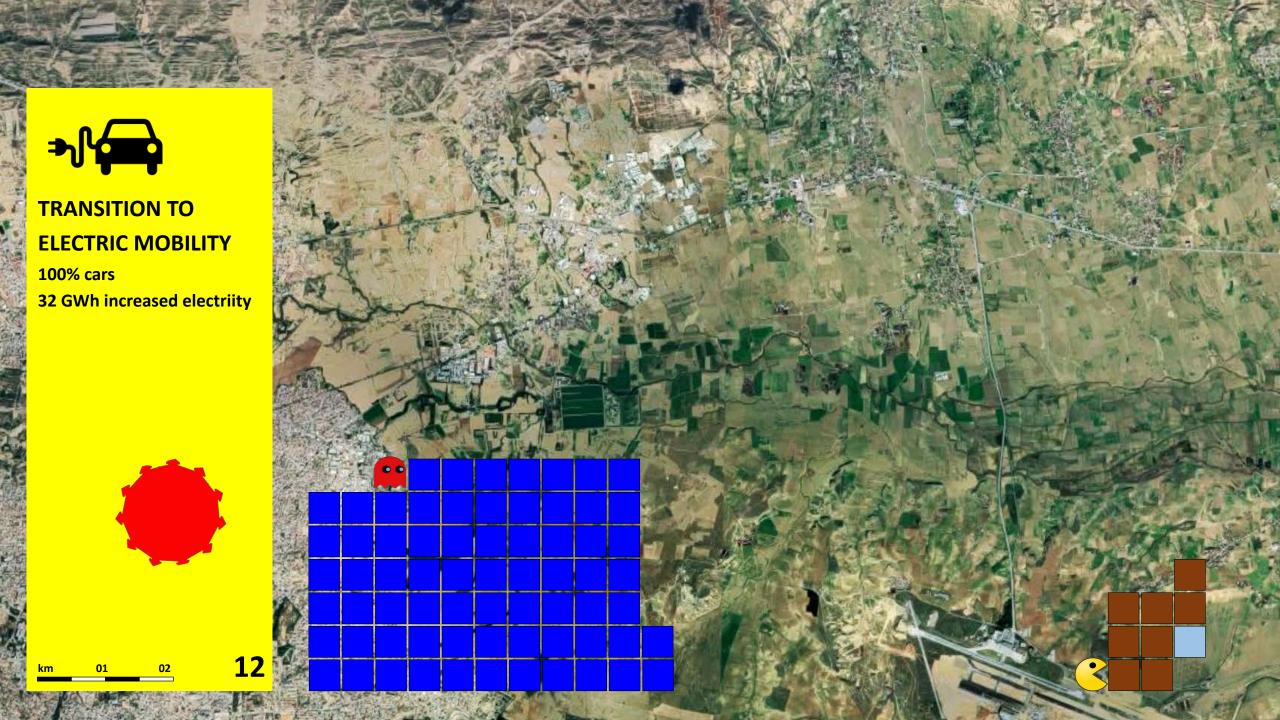


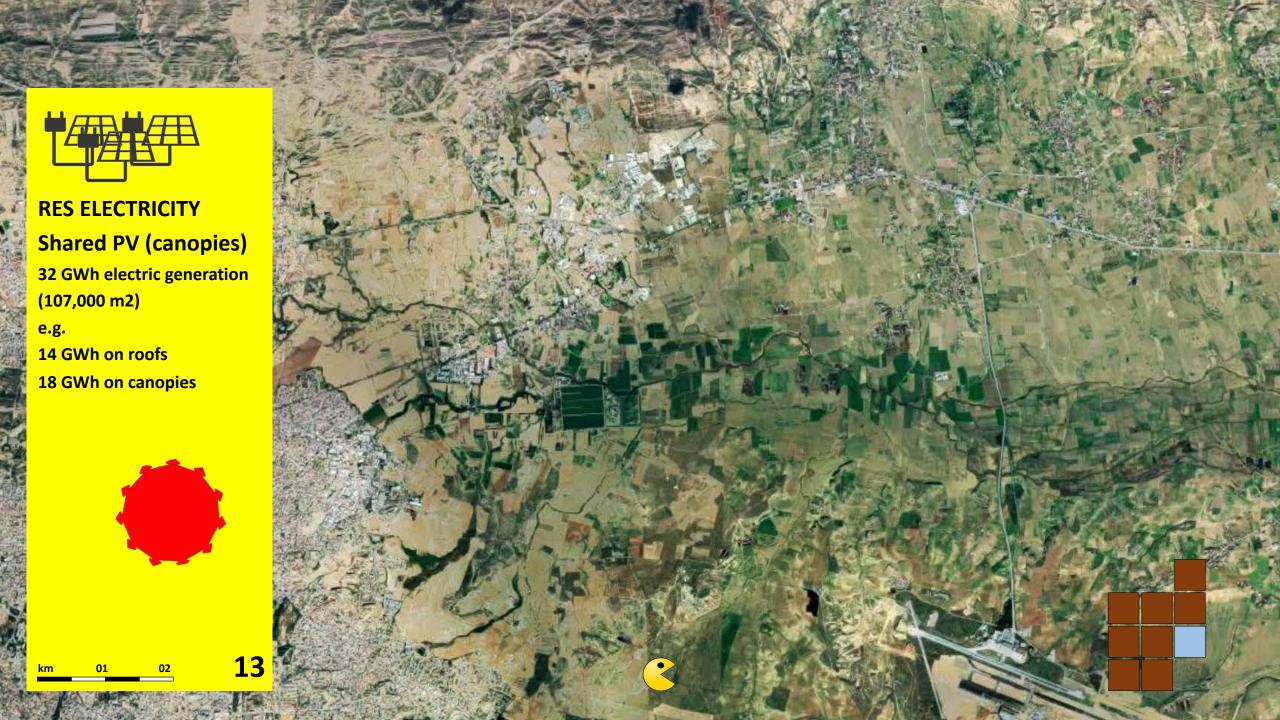




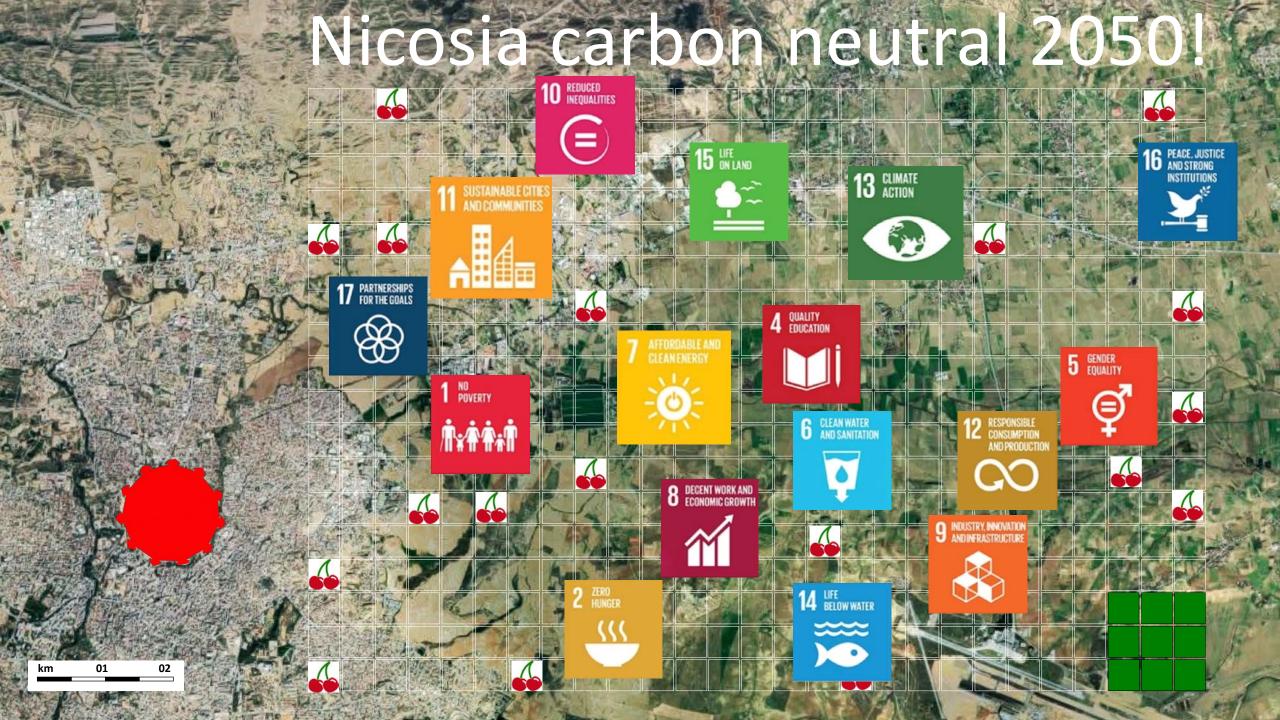












# City-zen Nicosia Roadshow

Web: https://www.cityzen-smartcity.eu/nl/home-nl/



@CityzenRoadshow



@CityzenRoadshow



cityzenroadshow

#### **Roadshow Contacts:**

Craig Martin – Roadshow Leader (e: c.l.martin@tudelft.nl)
Markella Menikou – Nicosia Contact (e: menikou.m@unic.ac.cy)
Mario Touvanas – Embassy, Kingdom of the Netherlands
(touvanas.marios@minbuza.nl)

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#### Roadshow Team

Prof.Dr. Andy vd Dobbelsteen (TUD) Achille Hannoset (Th!nk-e) Dr. Andy Jenkins (QUB) Prof. Grea Keeffe (OUB) Prof.Dr. Craig L.Martin (TU Delft) Dr. Markella Menikou (UoN) Dr. Riccardo Pulselli (UoS) Anneleen Vanderlinden (Th!nk-e) Prof.Dr. Han Vandevyvere (EnergyVille/NTNU) Maryam Al-Irhayim (UCLan) Emma Campbell (QUB) Sam van Hooff (TU Delft) Rainer Townend (UCLan) Alexis Postekkis (UoN Alumni) Andreas Prokopiou (UoN Alumni) Christos Xenofontos (UoN Alumni)





City-zen Nicosia Roadshow



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