INTERNATIONAL SUMMER PROGRAMME

SUSTAINABLE DESIGN
IN COASTAL AREAS

SUDESCO 2014

AGIA NAPA, CYPRUS, JULY 23rd 2014 - August 5th 2014

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INTRODUCTION

SUDESCO intensive programme targets, through the design process, the understanding of the complexity of the coastal areas, in terms of environmental, social and economic sustainability. Coastal areas that have remained untouched as natural environments have suddenly become objects of debate regarding their "development" perspectives. On the other hand, built waterfront redevelopment, very often comes to a dead end, under long urbanisation procedures or various pressures for control and usage. Planning and design, in different range and scale, normally incorporates demands and needs of the preservation the function and the notion of the coast as the end of the sea or the end of land.

SUDESCO stresses sustainability as a critical filter for evaluating the design process for the coast. Sustainable design in coastal areas is considering environmental, social and economic issues in every stage of the design process. More specifically:

Environmental sustainability: green structures (at construction and in use), microclimate, density and land use, mobility, green, water and waste.

Social sustainability: experiencing the waterfront as a common good, maximizing the sea view, preserving public access and providing open public spaces.

Economic sustainability: energy consumption, minimizing intervention – maximising utilisation and efficiency of land uses.

SUDESCO proposes the "Ayia Napa" as a field for experimentation and application on these issues. The SUDESCO 2014 summer workshop will take place in Ayia Napa. Its coastal area is of a high environmental and cultural value dominated by a mass tourist industry. The extensive tourist development and associated infrastructure, during recent decades, has completely changed the identity of the coast, resulting in various conflicts at the spatial level, but also affecting environmental, social and d economic sustainability.

The structure of the workshop consists of four closely linked studios. Each studio adapts its deliverables on the visions of the local community, of how this area should be transformed.

• STUDIO I Refurbishment and tourism: Aims to re design the saturated built environments of mass coastal tourism.
• STUDIO II Cultural heritage and urban fabric: Deals with the contradiction between mass coastal tourism, recreation and preexisting cultural heritage sites.
• STUDIO III The coastline: Experiments on a fragmented and isolated coastline, regarding both its linearity and its connectivity to the fabric.
• STUDIO IV Green grid: Integrates the coastline and the fragments of green spaces increasing the environmental quality of the built coastal zone.

INTRODUCTION

The Programme is founded by a Lifelong Learning Programme of the
European Commiosion and was organized by
Frederick University - Departement of Architecture (Coordination)
Universitat Politécnica de Catalunya - Escola Técnica Superior d'Aquitectura
Politecnico di Milano - Dipartimento di Architettura e Pianificazione
Univerity of Applied Sciences Leipzig - Faculty of Architecture
Universitá degli Strudi di Firenze - Dipartimento di Architettura
University of Brighton - Faculty of Arts
ISCTE-IUL Lisbon University Institute - Departmento de Arquitectura e Urbanismo
Democritus University of Thrace - Department of Architectural Engineering

ACTIVITIES

open lectures

absorbing background information and visting the sites to unsterstand the local character

studio based workshop: distribution of roles and aktivities, difining ideas and developing the designs

discussions in the group and presentations in order to substitute main strategies

SUDESCO
Ayia Napa 2014
http://www.frederick.ac.cy/sudesco2014/
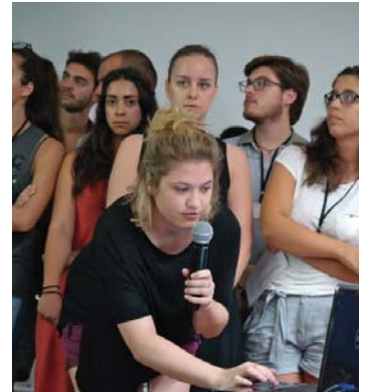
TUTORS

Organized by...

Panayiotis Toulitos
Frederick University
Head of Architecture
Departement
Technology and
environment

Byron Ioannou
Frederick University
Organization of
Sudesco Workshop

Demetris
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Supported by...

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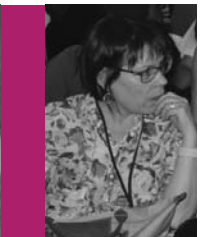University Insitute

Anthony Roberts
University of
Brighton

Anthusa Löffler
HTWK Leipzig

Massimo Bricocoli
Politecnico di Milano

Rita Pinto de Freitas
Universidad
Politécnica de
Catalunya

Dimitra Babalis
Universitá degli
Strudi di Firenze

SCHEDULE

Day	Activity

Tuesday,
July 22nd   Arrival

Wednesday,   Welcome
July 23rd   *Byron Ionnaou, Frederick University*

                   Introduction to the scope and the rationale of Sudesco studios
                   Lora Nicolaou, Frederick University

                   Open discussion

                   Break

                   Group studio presentations - preliminary discussions and site visits
                   Studio I   Refurbishing tourism
                   Studio II   Rediscovering cultural hertiage
                   Studio III   Revealing the coastline
                   Studio IV   Reconnecting green and public space

Thursday,   Open Lectures
July 24th

                   Session I: Sustainable planning in coastal areas. State of the art and new ideas

                   Resilient coastal areas. Introduction to the aims of SUDESCO
                   Byron Ioannou, Frederick University
                   Sustainibility, Coastal Tourism Development and Adaptive Reuse
                   Andreas Savvides, University of Cyprus
                   Environmental concerns on coastal tourist development
                   Christos Anastasiou, Frederick University
                   Tourist development in coastal areas: Ayia Napa Local Plan
                   Ermis Klokkaris, Skevi Makariti, Department of Town Planning ans Housing
                   Strengths, weaknesses and new ideas on Ayia Napa's development
                   Pavlos Loizou, Leaf Research
                   End of Session I - Discussion

                   Break

                   Session II: Sustainable design in coastal areas: Ideas, forms and structures

                   Thlassa museum
                   Zenon Sherepeklis, Christina Sherepekli, Architects

SCHEDULE

Protaras waterfront
Karin Georgiadou, Architect
Forest park and fishing shelter at Liopetri
Vassilis Ierdes, Ierides & Michael Architecture
Natural hazards and basic priniples for the design of coastal structures
Milton Demosthenous, Frederick University
Structures between land and sea. Design and implementation issues
Marios Pelekanos, Frederick Univeristy
End of session II - Discussion

Dinner at a traditional Cypriot tavern

Friday,
July 25th

Studio: Preliminary ideas on each studio project. Defining deliverables and organisation of work progress

Break

Studio I & II   1st Joint workshop on „A vision for Ayia Napa core"
Studio III & IV   1st Joint workshop on „Ayia Napa coastline and green grid"

Saturday,
July 26th

Daytrip to Larnaka waterfront and Nicosia old city

Sunday,
July 27th

Free Day

Monday,
July 28th

Open Lectures

Session III: Conceptual issues on sustananility of coastal design

Common or green? Public use in coastal areas
Rita Pinto des Freitas, Universidad Politècnica de Catalunya
Restructuring places
Massimo Bricocoli, Politecnico di Milano
Urban form and sustainability
Teresa Marat-Mendes, ISCTE-IUL Lisbon University Institute
The informal
Anthony Roberts, Univeritsy of Brighton
Architecture and identity of place
Anthusa Löffler, HTWK Leipzig
End of session III - Dicussion

Break

SCHEDULE

	Studio: Experimentation - Ideas & concepts (group work)
	Boat trip
Tuesday, July 29th	Studio: Experimentation - Ideas & concepts (group work)
	1st midterm consultation - preliminary ideas and concepts (all groups together)
Wednesday, July 30th	Studio: Elaborating ideas & concepts (group work)
	Open air cinema
Thursday, July 31st	Studio I & II 2nd Joint workshop on „A vision for Ayia Napa core" Studio III & IV 2nd Joint workshop on „Ayia Napa coastline and green grid"
	Studio: Elaborating ideas & concepts (group work)
Friday, August 1st	Studio: Elaborating ideas & concepts (group work)
	1st midterm consultation - final ideas and concepts (all groups together)
Saturday, August 2nd	Free day
Sunday, August 3rd	Free day
Monday, August 4th	Studio: Refining and representation ideas and concepts
Tueasday, August 5th	Studio: Refining and representation ideas and concepts
	Final Presentation

Mr. Yiannis Karousos, Mayor of Ayia Napa
Prof. Panagiotis Touliatos,
Head of the Departement of Architecture - Frederick University

Introduction to work
Byron Ioannou (FU), Coordinator SUDESCO 2014

ON THE WEEKEND

Daytrip to Larnka and
Nicosia at the
weekend...

IDENTITIES
OF AYIA NAPA

CURRENTLY AYIA NAPA IS IN A STATE OF FLUX.

SURVIVING ON THE MEMORIES OF ITS BUSY PAST, AYIA NAPA IS APPROACHING A CROSS ROADS IN THINKING ABOUT ITS IDENTITY (BOTH AT THIS MOMENT AND THE TIME TO COME) AS WELL AS PLANNING OUT THE ROUTES IT COULD TAKE FOR THE FUTURE.

ONCE ONE OF THE BIGGEST CLUBBING HOLIDAY DESTINATIONS IN EUROPE, THIS SCENE IN AYIA NAPA HAS BEGAN TO RECEDE GRADUALLY OVER THE PAST DECADE, WHICH HAS LEAD TO THE QUESTION – IN WHICH DIRECTION SHOULD AYIA NAPA RE-INVENT ITSELF? HOW WILL IT BE BRANDED TO BECOME A PROFITABLE AND RESPONSIBLE HOLIDAY DESTINATION, OFFERING A NEW VERSION OF THE "COMPLETE TOURIST EXPE-RIENCE".

THIS IS A VERY COMPLEX ISSUE WHICH REQUIRES AN UNDERSTANDING OF WHAT HAP-PENS BELOW THE SURFACE OF AYIA NAPA; AN UNDERSTANDING OF THE MANY LARGER SYSTEMS, VISIONS, PEOPLE AND MOMENTS FOUND WITHIN THIS TOWN AND BEYOND.

SEASONALITY + SCALE

AYIA NAPA IS CURRENTLY A ONE SEASON TOWN, HISTORICALLY IT HAD AN ACTIVE LIFE ALL YEAR ROUND. COULD AN IMPROVED SEASONALITY BE KEY TO THE FUTURE OF AYIA NAPA?
FURTHERMORE, SHARING A SIMILAR FATE WITH OTHER TOURIST DESTINATIONS WITHIN THE MEDITERRANEAN WHICH ARE ALSO CRIPPLED BY THE RECESSION, AYIA NAPA NEEDS TO OBSERVE AND LEARN FROM THESE UNSUCCESSFUL PROJECTS. HOWEVER, HERE THE SITUATION IS COMPLETELY UNIQUE – ITS RE-INVENTION WILL NOT BE SOLVED BY ONLY BORROWING AND IMPLEMENTING EXAMPLES FROM THOSE OTHER TOURIST DESTINATIONS.

STRATEGIC THINKING

WHAT IS REQUIRED IS AN UNDERSTANDING OF ALL THE FACTORS THAT OCCUR WITHIN THE TOWN, INCLUDING THOSE THAT ARE LESS OBVIOUS.
WHAT COULD BE THE VISION FOR THE LOCALS? WHAT COULD BE THE VISION FOR THE CLUBBERS? THE ALL-INCLUSIVE HOLIDAY-MAKERS?
IT REQUIRES CLEAR STRATEGIC THINKING TO UNDERSTAND NOT ONLY HOW AYIA NAPA OPERATES, AND ALSO HOW IT SITS WITHIN CYPRUS, PARTICULARLY THE SURROUNDING REGION. OBVIOUSLY, NO EASY TASK, WITH NO EASY SOLUTIONS; HOWEVER, AS A GROUP OF YOUNG DESIGNERS WE FEEL THAT IF WE WIDEN THE RANGE OF QUESTIONS IN OUR DESIGN PROCESS WE CAN AVOID THOSE "EASY SOLUTIONS" THAT OFTEN COME WITH LIMITED PROJECTS.

THE ROLE OF THE ARCHITECT

FOR THE PURPOSE OF THIS WORKSHOP, WE HAVE SET OUT TO UNDERSTAND, AND MAKE CLEAR, THE IMPORTANT FACTORS THAT COULD DECIDE AYIA NAPA'S FATE. WE AIM TO HIGHLIGHT CONNECTIONS WITHIN THE EXISTING TOWN AND BEYOND, AND TO SHED LIGHT ON THE EXISTING HIDDEN QUALITIES FOUND WITHIN THIS TOWN.

WE HAVE SEEN EXAMPLES OF PUBLIC REALM PROJECTS THAT DON'T ENGAGE WITH THE WIDER ISSUES, PARTICULARLY LOCAL STAKEHOLDERS, AND WHICH DON'T, UPON CLOSER INSPECTION, STIMULATE REAL AND LASTING GROWTH.

WORKSHOP

AS OUR STARTING POINT, WE SPLIT INTO 4 GROUPS, EACH USING A DISTINCT LOCA-TION WITHIN AYIA NAPA .
SOME OF THE PROJECTS CREATED AN INSPIRED VISION FOR THIS PARTICULAR AREA, WHILST OTHERS USED THIS STARTING POINT AS A WAY TO CHALLENGE AND QUESTION THE REASON FOR, AND THE NATURE OF, REDEVELOPMENT IN THIS COASTAL AREA.

GROUP 1: LOOKED AT THE WHOLE TOWN OF AYIA NAPA, PRIMARILY TOURISM.
GROUP 2: FOCUSSED ON REVEALING QUALITIES IN THE TOWN CENTRE.
GROUP 3: ADDRESSED THE COASTLINE AND ITS RELATIONSHIP TO THE TOWN.
GROUP 4: STUDIED THE UNBUILT AREAS TO THE NORTH OF AYIA NAPA.

THESE FOUR GROUPS RESEARCH THEIR INDIVIDUAL AREAS, TO CREATE THEIR OWN VI-SIONS AND IDENTITIES OF AYIA NAPA.

$ ALL-INCLUSIVE HOLIDAYS
I CLUBBERS
THE LOCALS
THE MUNICIPALITY

AYIA NAPA
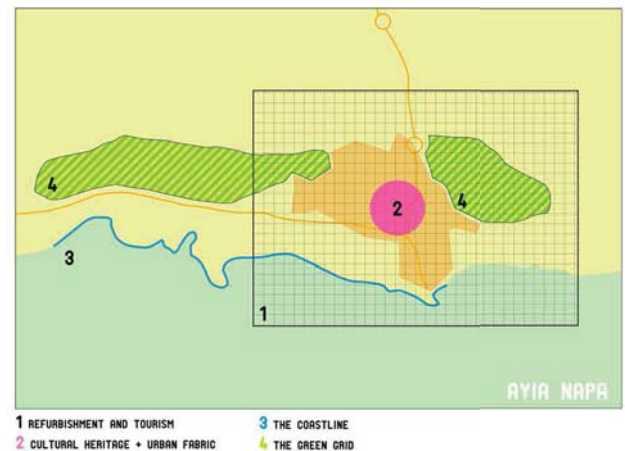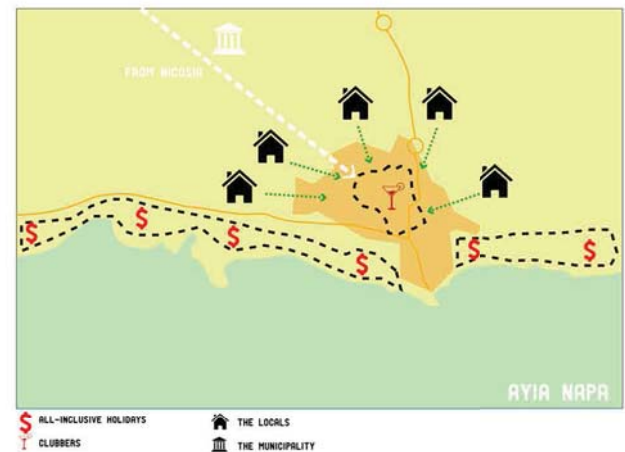
1 REFURBISHMENT AND TOURISM
2 CULTURAL HERITAGE + URBAN FABRIC
3 THE COASTLINE
4 THE GREEN GRID

AYIA NAPA

CONTENT
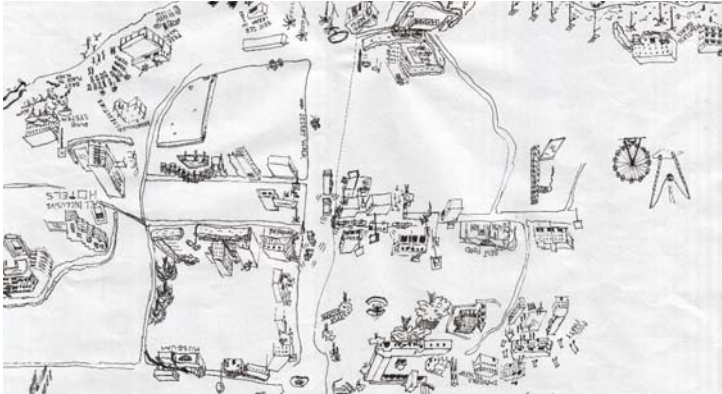
studio I

Refurbishment and tourism

Marius Götzinger (DE-HTWK)
Florian Krieg (DE-HTWK)
Sebastian Montenegro (ES-UPC)
Margarita Kyanidou (GR-DUTH)
Monica Turri (IT-UNIFI)
Egli Hamitaj (IT-POLIMI)
Ana I. Ferreira Lopes (PT-ISCTE)

studio II

Cultural heritage and urban fabric

Georgios Bozis (CY)
Paula Anasagasti (ES-UPC)
Nikoletta Poulli (GR-DUTH)
Charilaos Papageorgio (GR-DUTH)
Giacomo Bioli Pini (IT-UNIFI)
Jelena Ljubojevic (IT-POLIMI)
Beatrix Ribeiro Duarte de José (PT-ISCTE)
Daniel Wilkins (UK-Brighton)
Kathrin Bösl (DE-HTWK)

studio III

The coastline

Nicole Alu Lagranje (ES-UPC)
Athina Giokarina (GR-DUTH)
Guido Mitidieri (IT-UNIFI)
Slavyana Popcheva (IT-POLIMI)
Raquel Sales Martins (PT-ISCTE)
Andrew Matthews (UK-Brighton)
Nils Lamm (DE-HTWK)
Lisa Brautzsch (DE-HTWK)

studio IV

Intergraded waterfront city
Ayia Napa's residual space

Rocío V. Martínez Torres (ES-UPC)
Dafni Bakali Marina (GR-DUTH)
Tommaso Uccellini (IT-UNIFI)
Andrea Scaleggi (IT-POLIMI)
Vera A. B. V.Cantante (PT-ISCTE)
Marta C. Pacheco Jardim (PT-ISCTE)
Maria Saunes (UK-Brighton)
Miriam Friedrich (DE-HTWK)

Participants

Sebastian Montenegro (ES-UPC)
Margarita Kyanidou (GR-DUTH)
Monica Turri (IT-UNIFI)
Egli Hamitaj (IT-POLIMI)
Ana I. Ferreira Lopes (PT-ISCTE)
Marius Götzinger (DE-HTWK)
Florian Krieg (DE-HTWK)

Tutors

Gregoris Kalnis (FU)
Constantinos Kypris (FU)
Stella Michael (FU)
Anthony Roberts (BRI)
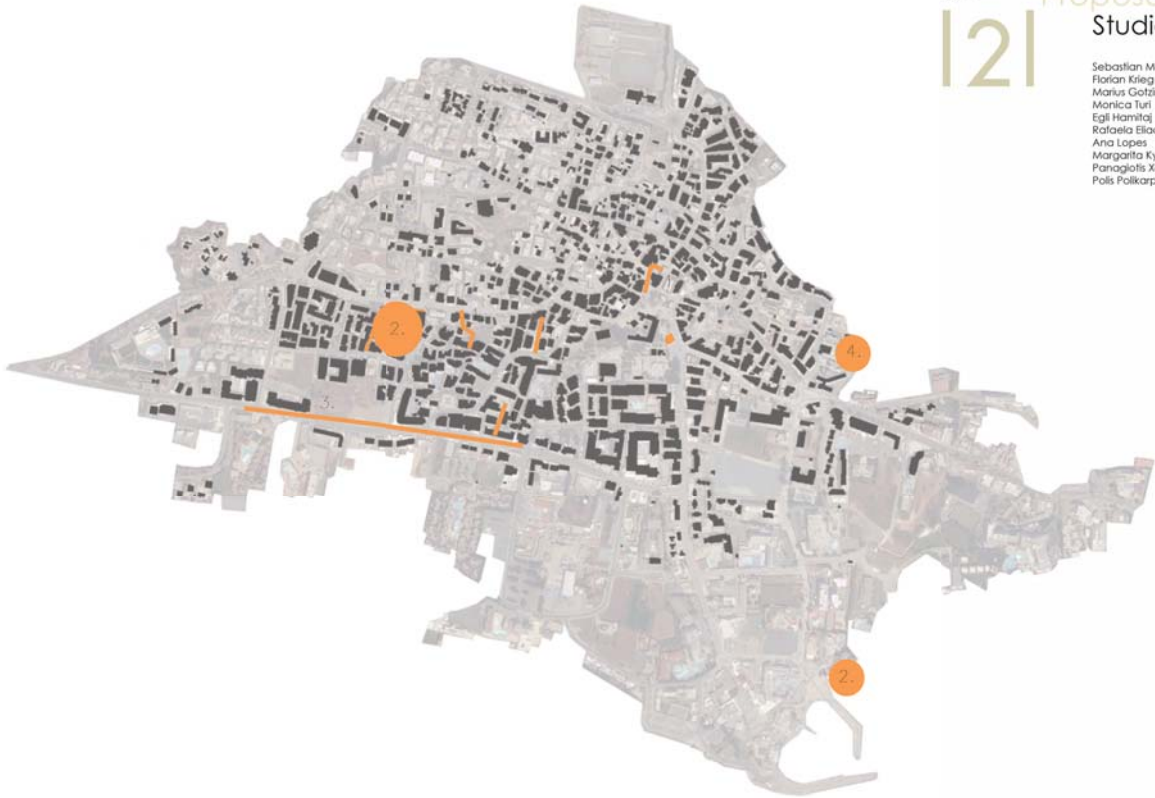Dimitros Polychronopoulos (DUTH)
Maria Grigoriadou (DUTH)

STUDIO I

Refurbishment and tourism

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5th 2014

|2|
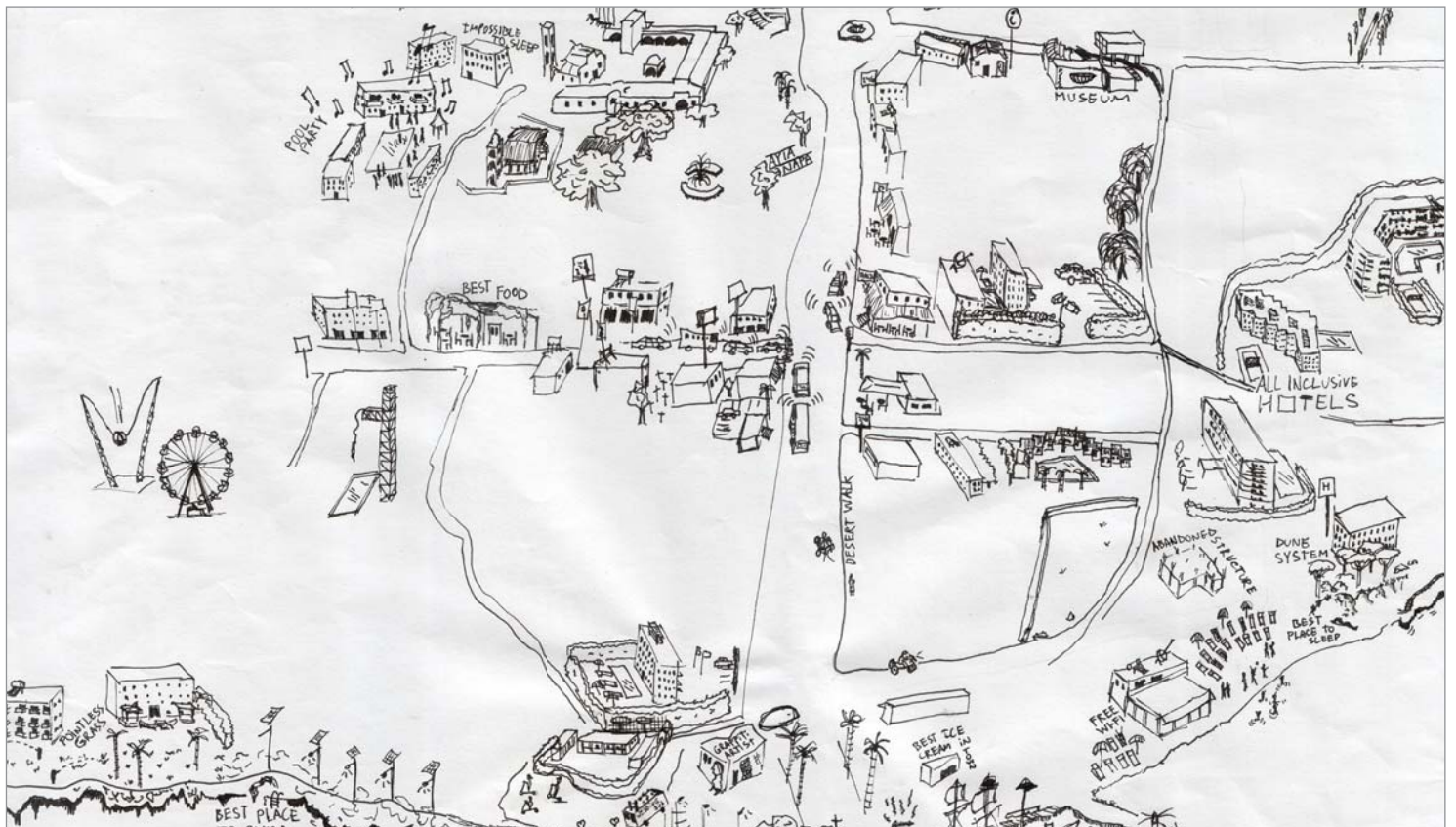
Sebastian Montenegro
Florian Krieg
Marius Gotzinger
Monica Turi
Egli Hamitaj
Rafaela Eliadou
Ana Lopes
Margarita Kyanidou
Panagiotis Xaralampous
Polis Polikarpou

STREET SWAPPING LIBRARY

metal structure filled with wood panels

floor plan

PROPOSAL IDEA

LIVING COVER | SHADE

TREE TOP — SPACE TO PUT

EQUAL

NATURAL → ARQUITECTURE

CULTURAL ROUTE

NOW

PROPOSAL

Cyprus Shop   Souvenirs

- Traditional Materiality
- External Exhibition Boards
- Historical Routes
- Attract different types of tourists
- Cultural Tourism

GROUP PORTRAIT GALLERY

Group _ Portrait Gallery

1.2.3 ... sec click = photo

Πρόγραμμα διά βίου μάθησης   FREDERICK UNIVERSITY   UPC   HTWK Leipzig   University of Brighton   ISCTE IUL Instituto Universitário de Lisboa   www.frederick.ac.cy/sudesco2014/

AGIA NAPA

Process
Studio I

|1|

We came from Italy, Spain, Germany, Portugal, the UK, Greece and Cyprus. We all had an image of Ayia Napa before we stepped off the plane or ship. Friends spoke to us, Google, our mobile phones, "selfies" and even standard guide books provided words and images that created an "picture" of this place.

Our group has decided to work with this "picture". By discovering and analyzing the town through different ways we have come to the idea that next to, but also including, the more conventional ways of making an urban planning exercise, there should be other ways to work on a more accessible image of Ayia Napa that everyone can understand.

The current situation shows us some typical "faces" of a town that is seasonal and which is dominated by different forms of mass tourism; ie: "all inclusive", "clubbing", "shopping streets", "entertainment parks" and of course the sea.

In this jungle of dominating attractions that seem to cover the town there are other situations and possibilities for small events which we could see as some form of energized "pixels" in this overall pattern of Ayia Napa. Our group is trying to include these "pixels" in the overall set of questions to be included in the planning exercise.

Our project is to make a map which acts as a "tool" in the process of;

1]; locating and describing sets of different perceptions of this wonderfully strange, almost "fake" and artificial place and,

2]; using these new ways of looking at spaces and events in order to make a plan for Ayia Napa that includes the lives of more people than the large scale planning projects usually allow.

There are many spaces in the fabric of the town which can be described as "voids". There are also many undiscovered and unused micro-spaces in which small "architectural" interventions can be made that extend the "value" (not just economic) of these spaces and begin to generate activities that support the growth of the town in ways that are not just "zoned" categories .

AYIA NAPA ACCORDING TO GOOGLE

AYIA NAPA ACCORDING TO EVERYDAY USERS

PERCEPTION   FACTS AND FIGURES

= "CLUBBING" TOURISTS

= OTHER TOURISTS

DIFFERENT DIMENSIONS

LESS LIGHT / MOST LIGHT
SHADES
SMELL/DIRTY/ NOISY
CRAZIEST BUILDINGS
24h PLACES
FREE ENTERTAINMENT
LOCAL FOOD
PLACES TO AVOID
CAVES
BEST PLACES WHERE YOU CAN SLEEP IF YOU ARE NOT ABLE TO FIND HOME
CLUBBING ROUTES/ SUN WATCH
ROMANTICAL PATHS
AYIA NAPA ART MAP
BEST PLACE TO JUMP IN THE WATER
QUICKEST WAY TO THE BEACH
BEST PLACES FOR MARRIAGE PICTURES
BEST PLACES FOR SUNSET/SUNRISE
VIEW POINTS TO THE SEA
QUICKEST WAY YO GET OUT OF AYIA NAPA
BEST ROAD FOR ELECTRICAL SCOOTER

group
group III
group II
group IV
relaxing
seightseeing
scenery
routes

GENERAL FRAMEWORK

ROUTES

RELAXING

VOIDS

SOUNDS

SCENERY

SEIGHTSE-EING

HISTORY

......

Best place for sunrise/sunset

Best place for marriage pictures

Best place where you can sleep when you can't find home

View point to the sea

Caves

27.27 min

AYIA NAPA
-scenery-

SUDESCO
Ayia Napa 2014

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GENERAL FRAMEWORK

ROUTES	RELAXING
SCENERY	SEIGHTSE-EING
VOIDS	SOUNDS
HISTORY	.....

AYIA NAPA
–SIGHTSEEING–

extra ordinary
interesting
funny
typical
classic
local

TITANIC CLUB

AYIA NAPA
–relaxing–

NOW AYIA NAPA IS LIKE A DESERT

They don't have shades

Kiosk / pergola
Beach / pool umbrellas
tree shade / small park
Group of trees / park
Resting area / benches

AYIA NAPA
–routes–

Clubbing Route
Best place to jump in the water
Quickest way to exit A.N
Quickest way to the beach

Pedestrian route
Romantic route
Scooter route
Exit route
Clubbing route
I love this spot

AYIA NAPA
–scenery–

Best place for sunrise/sunset
Best place for marriage pictures
Best place where you can sleep when you can't find home
View point to the sea
Caves

Participants

Georgios Bozis (CY)
Paula Anasagasti (ES-UPC)
Nikoletta Poulli (GR-DUTH)
Charilaos Papageorgio (GR-DUTH)
Giacomo Bioli Pini (IT-UNIFI)
Jelena Ljubojevic (IT-POLIMI)
Beatrix Ribeiro Duarte de José (PT-
ISCTE)
Daniel Wilkins (UK-Brighton)
Kathrin Bösl (DE-HTWK)

Tutors

Nasso Chrysochou (FRE)
Delis Papadopoulos (FRE)
Vassilis Ierdes (FRE)
Charis Solomou (FRE)
Rita Pinto de Freitas (UPC)

STUDIO II
Cultural hertiage and urban fabric

SUDESCO 2014
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STUDIO II

CULTURAL HERITAGE
AS A CATALYST FOR REGERATION

GOALS:
1. REDEFINING IDENTITY
2. INCREASING SIGNIFICANCE OF AYIA NAPA IN THE REGION
3. REDUCING THE IMPACT OF SEASONALITY IN OCCUPATION

STRATEGIES:
1. RESHAPING, EXTENDING AND CONNECTING THE CENTRE
2. IMPLEMENTATION OF A NET OF CULTURAL LOCAL
3. CONNECTING HERITAGE AND NATURE

MECHANISMS:
1. VEGETATION AND WATER
2. VOIDS AND PROGRAM
3. REDEFINING THE TOPOGRAPHY

VEGETATION AND WATER.

I

Landscape has been used as a starting point in the identification process by supporting the two main natural resources, the low and dry vegetation, the green and dense vegetation and the water feeding environment. Constructing both structures as part of the natural heritage of Ayia Napa, being the low vegetation found on the site. One of the main goals is to extend the green core of scatrered green in a form of a green spine towards the old historical village center.

The water element is related to the sustainable process of gathering and retaining rainwater in a system that will irrigate the green landscape.

Moreover the second step, after the connection of the two main elements to the green core, is to create new potencial space, either related to buildings or open spaces. Using the two main tools mentioned above, they trigger the senses, create microclimates an enable new functions in the urban form.

One example of the application of the general strategie correspond to the space around the monastery, where "flipping the square" on the north to the east of the site, was an important action, in order to simultaneously buffers the space trigger the visitors senses, create microclimates and screens the nightlife area. By positioning the new square in order to open up the new core of the town, new flows of people are enhanced from the seacost area towards the historical core during the day.

VOIDS AND PROGRAMME.

II

Using the unseen and underused urban fabric, culture and history of Ayia Napa as a point of departure, the scheme seeks to reveal the lost connection of a historic aqueduct to the monastery situated in the centre of the city.

A partly elevated bridging structure is proposed to link the centre of Ayia Napa to the edge of the city where the aqueduct still stands, at once a symbolic gesture to the path once occupied by the aqueduct. The newly established path acts as a tool of re-orientation and re-centrilization to shift the focus away from the existing hot spots of the main strip.

Starting from the monastery as centre of education and culture the path rediscovers forgotten spaces in the urban fabric and revitalises them, transforming them into open spaces, viewing platforms and flexible multifunctional point of congregation. The path derminates at the other point of historical inportance, the aqueduct.

REDEFINING THE TOPOGRAPHY.

III

Tactical interventions for redifining the cultural heritage in the old village, around the monastery of Ayia Napa was started by analysis of the inbetween spaces, and their relationship to the topography. These have been fragmented by disorganised development. In the proposal the strategy is to re-establish continuity through flow of space and people, vegetation, views and new paths.

The project proposes a continuous ribbon as a tool for creating an identity of the place. The idea is to unify the areas by using natural flows of the open spaces in Ayia Napa. It works as a transformable element, which changes from steps to seats, shaded spce to panoramic views, platforms,etc., as it flows around the old town, reawakining the topographical characteristics and designing pockets of meaning.
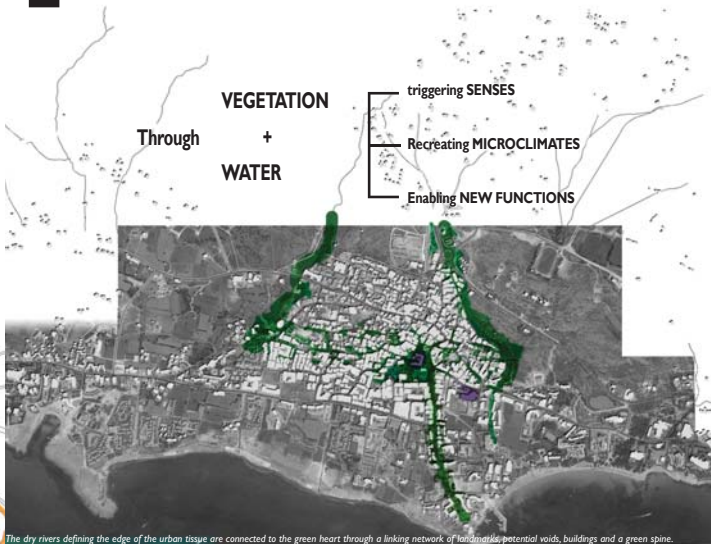

MONASTERY

AQUEDUCT

# STUDIO II NATURAL LANDSCAPE
VEGETATION AND WATER

The surrounding landscape is brought to the center as an identity builder supporting the cultural heritage while the day activity flow along the coast is driven to the city core.

VEGETATION
Through +
WATER

triggering SENSES
Recreating MICROCLIMATES
Enabling NEW FUNCTIONS

The dry rivers defining the edge of the urban tissue are connected to the green heart through a linking network of landmarks, potential voids, buildings and a green spine.

EXISTING SQUARE

PROPOSED SQUARE
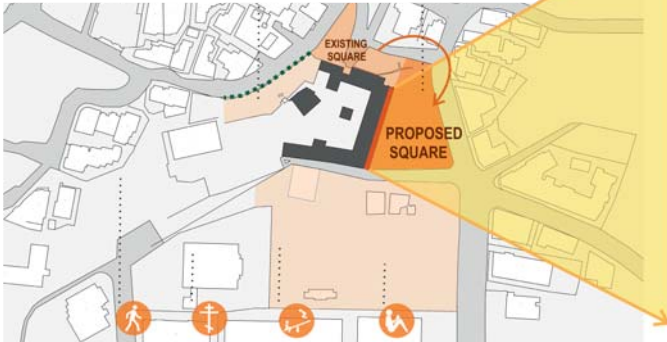
Flipping the square enables the monastery to face the new city center developed in the east side of the town and screen the night activity.

Through the density and height of the vegetation voids and spaces are created in the urban tissue.

The dry and humid ecosystems build the new open space for the new Ayia Napa. Senses are triggered, microclimates are recreated and new functions are enabled.

The open space, cleans the surrounding of the Monastery enhancing the facade and brighting up the monument while screening the traffic and night activity.

SUDESCO
Ayia Napa 2014

Πρόγραμμα διά βίου μάθησης
FREDERICK UNIVERSITY
UPC
HTWK Leipzig
University of Brighton
ISCTE IUL Instituto Universitário de Lisboa

www.frederick.ac.cy/sudesco2014/

STUDIO II

SECOND IDENTITY
VOIDS AND PROGRAMME

WEST OF THE MONASTERY • MONASTERY • USING EXISTING BUILDINGS • APPROPRIATE EXISTING ROOFTOPS • CONNECT WITH EXISTING PUBLIC SPACE OF THE AQUEDUCT

Density of use around threshold points

Density of use around points of flexible use

Recentralization of City centre around connecting structure

MONASTERY   RESEARCH   MULTIPLE FUNCTIONS   EXHIBITION   EXISTING PARK   AQUEDUCT

STUDIO II
REDIFINING TOPOGRAPHY
FLOWS AND OPEN SPACES

MONASTERY

BARS_CLUBS

MUSEUM

WATERFRONT

HEALING THE TERRITORY_concept of the continious ribbon
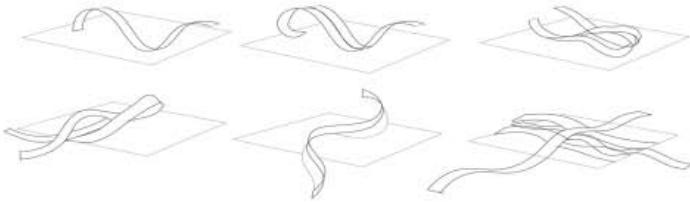
HEALING THE TERRITORY_map of the activities along the continuous ribbon

ACTIVITIES & FLOWS

HEALING THE TERRITORY_map of the continious ribbon

SUDESCO

A-A'

B-B'

1.

2.

3.

4.

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POSTCARDS
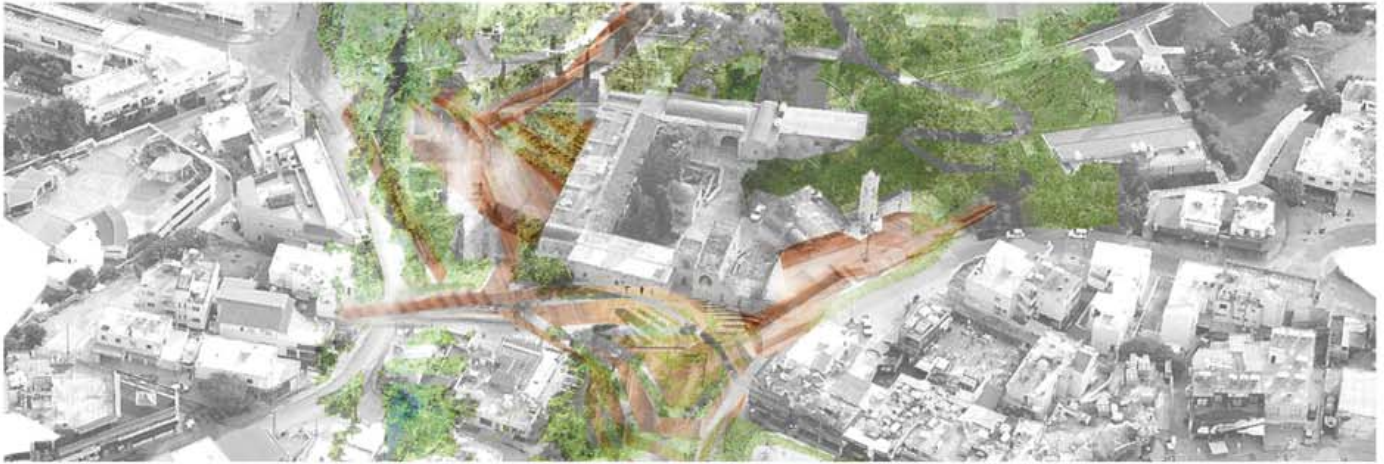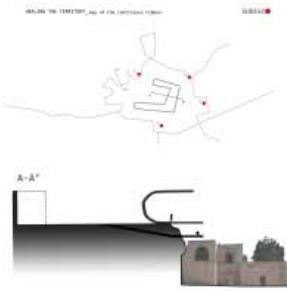
Participants

Nicole Alu Lagranje (ES-UPC)
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Guido Mitidieri (IT-UNIFI)
Slavyana Popcheva (IT-POLIMI)
Raquel Sales Martins (PT-ISCTE)
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Lisa Brautzsch (DE-HTWK)

Tutors

Byron Ioannou (FRE)
Demetris Economides (FRE)
Georgia Loizou (FRE)
Anthusa Löffler (HTWK)
Teresa Marat-Mendes (ISCTE)

STUDIO III
The coastline

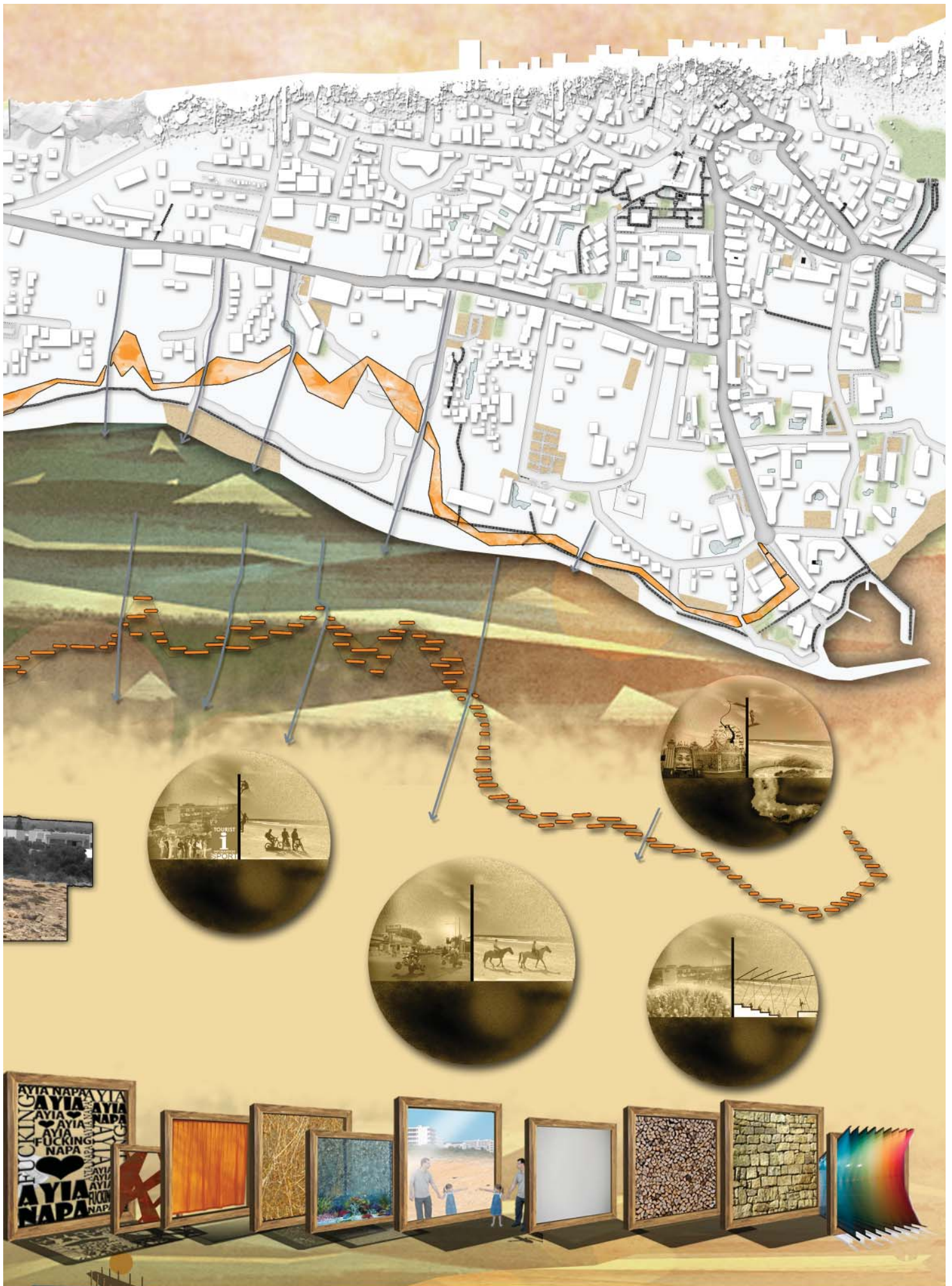SUDESCO 2014
AGIA NAPA, CYPRUS, JULY 22nd 2014 - August
5th 2014
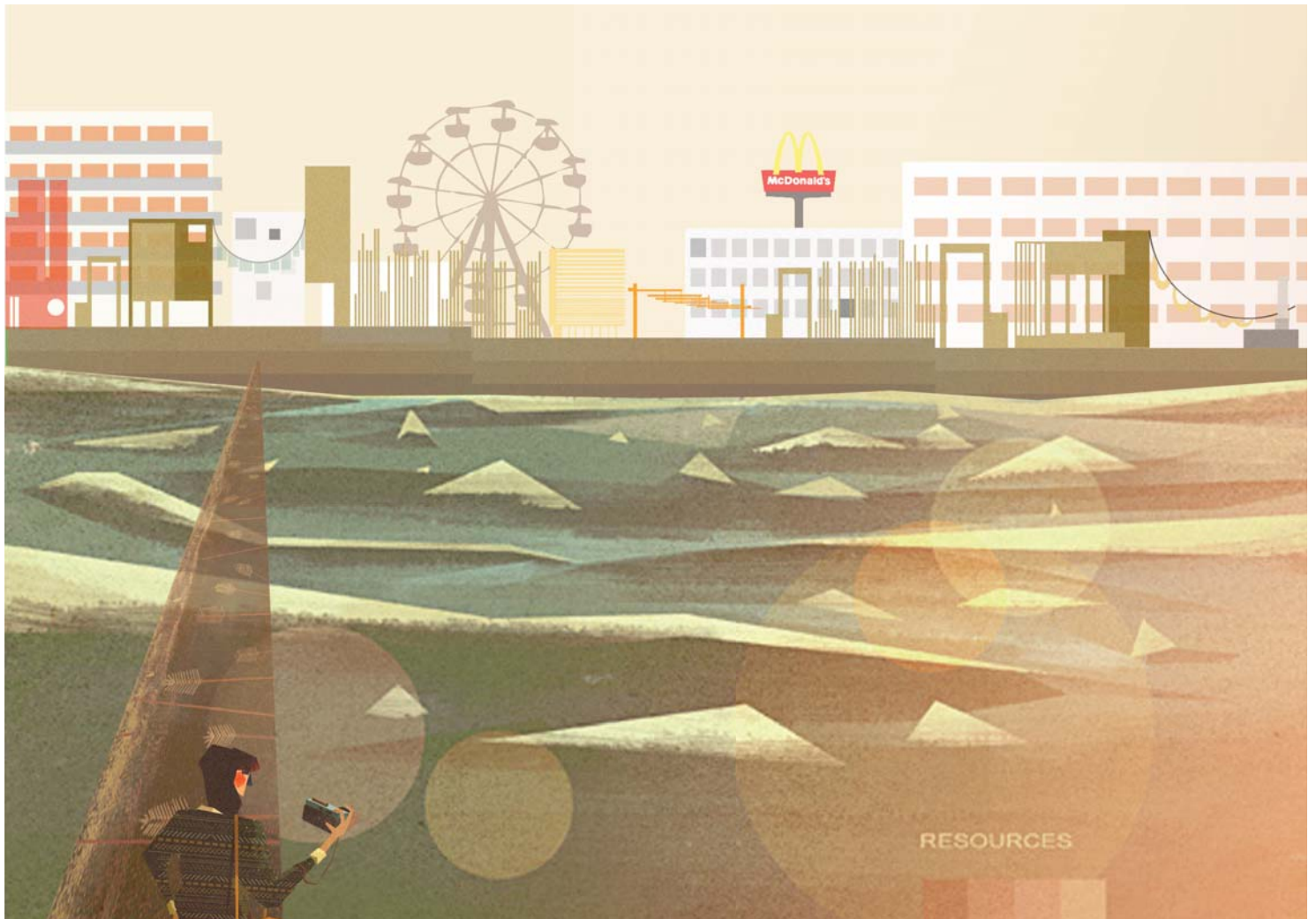
LOCAL ATTRACTIONS

The Rocky Beach Park
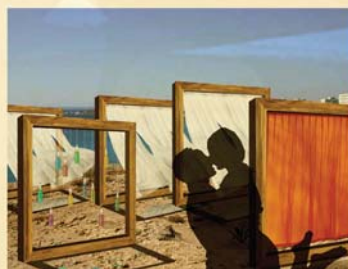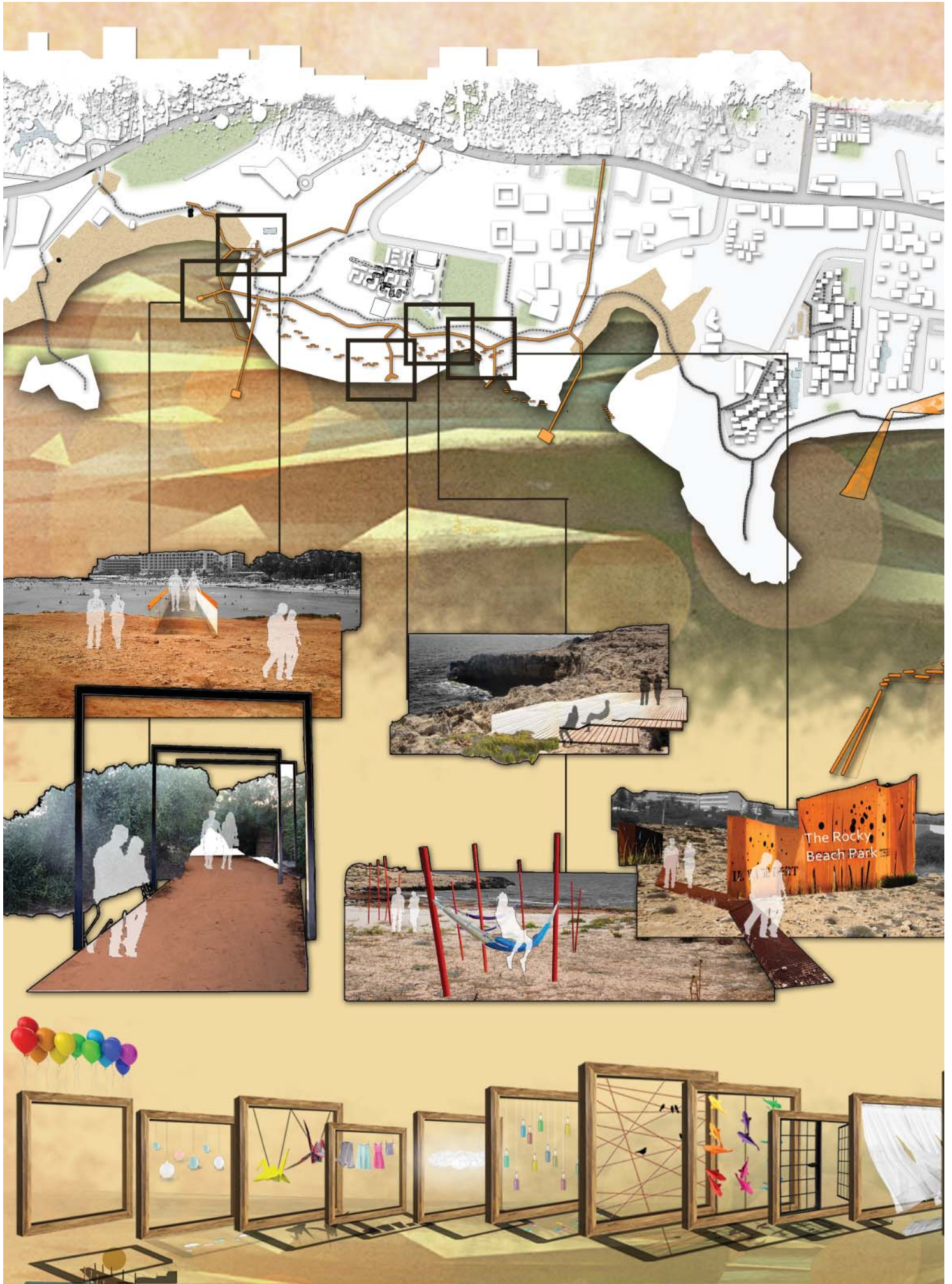
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Tutors:

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Teresa Tourva (FRE)
Eleonora Antoniadou (FRE)
Massimo Bricocoli (POLIMI)

STUDIO IV
Intergraded waterfront city
Ayia Napa's residual space

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SLOW NAPA__in between spaces in ayia napa

The Site(s)__luxury of open space
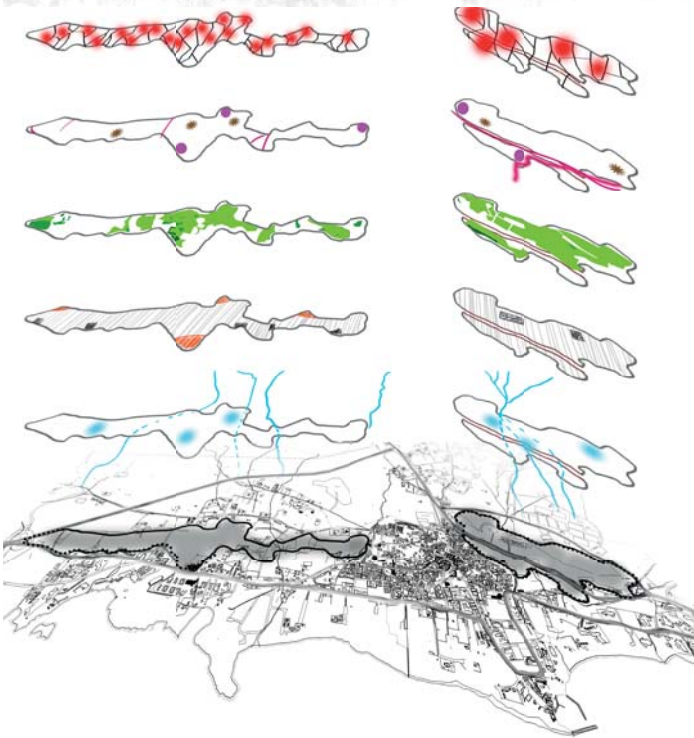
1) Kipos

2) Lofos

The Slow

relax napa _in between spaces in ayia napa
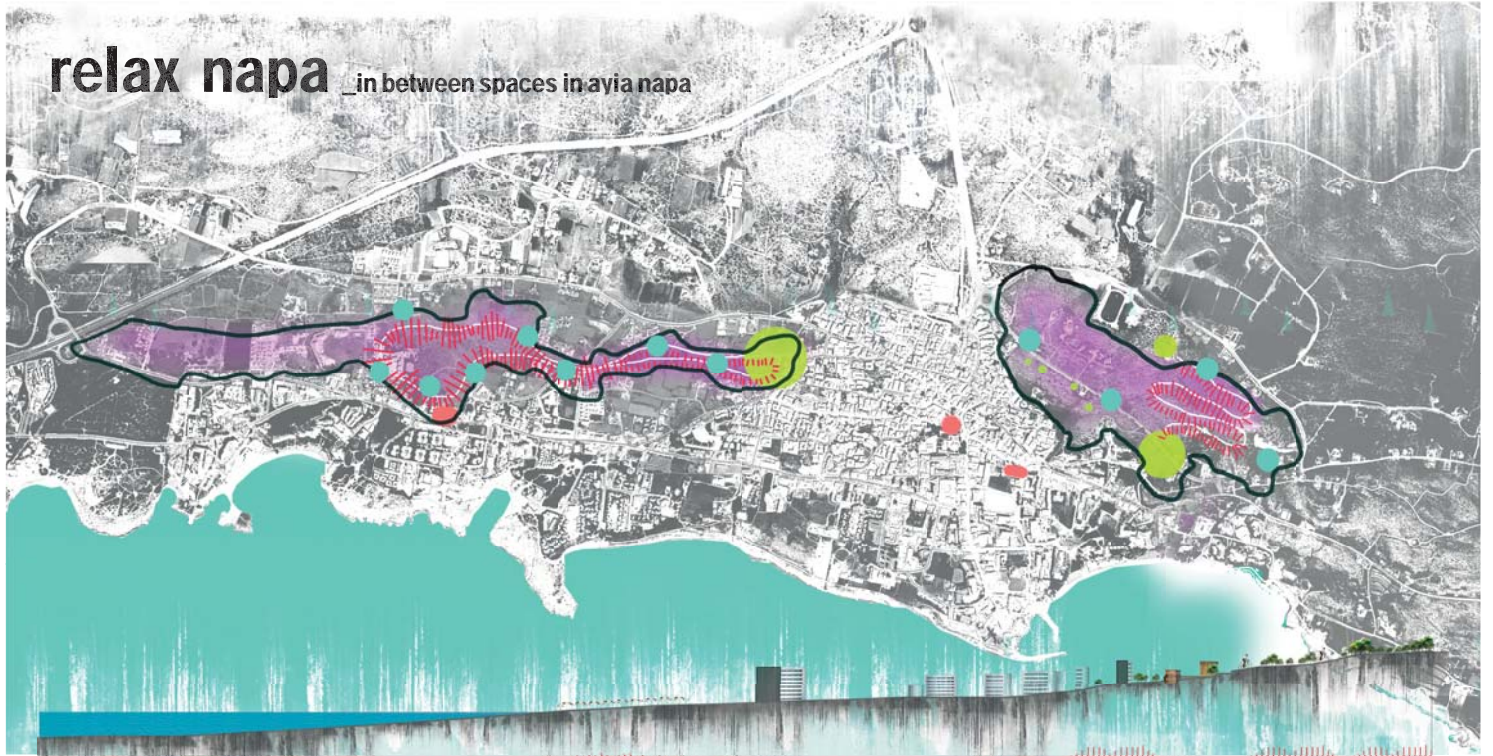
1) Kipos

2) Lofos

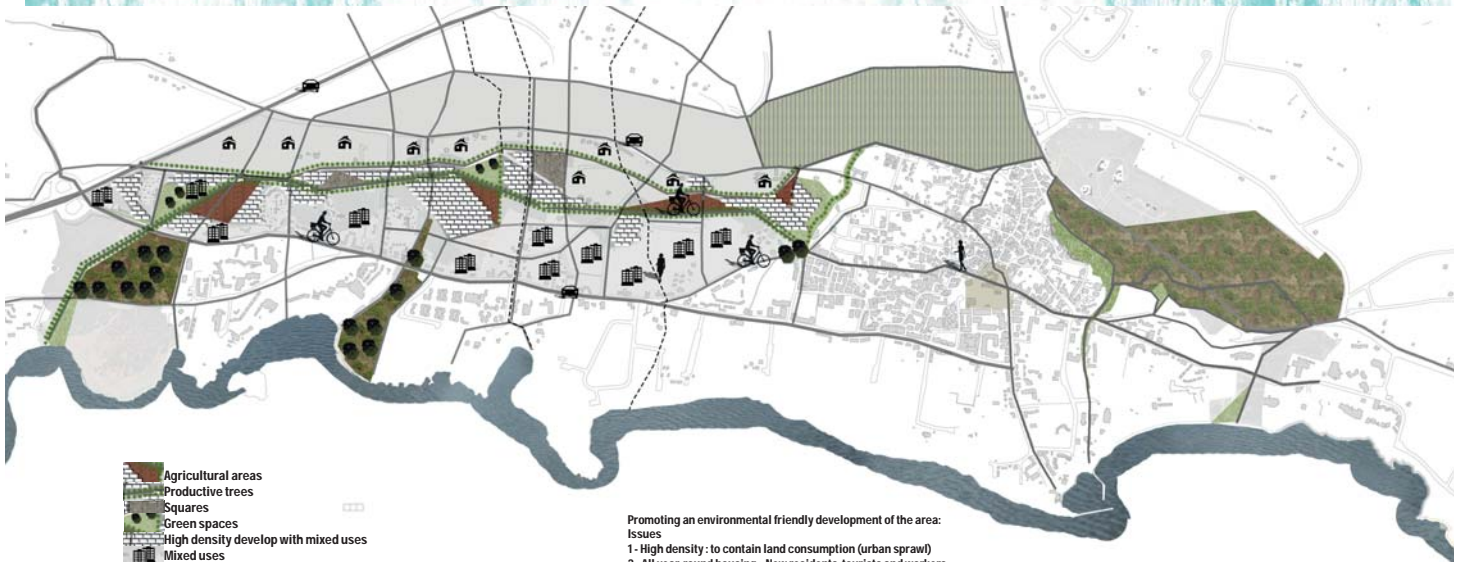# greenapa _in between spaces in ayia napa

Key projects
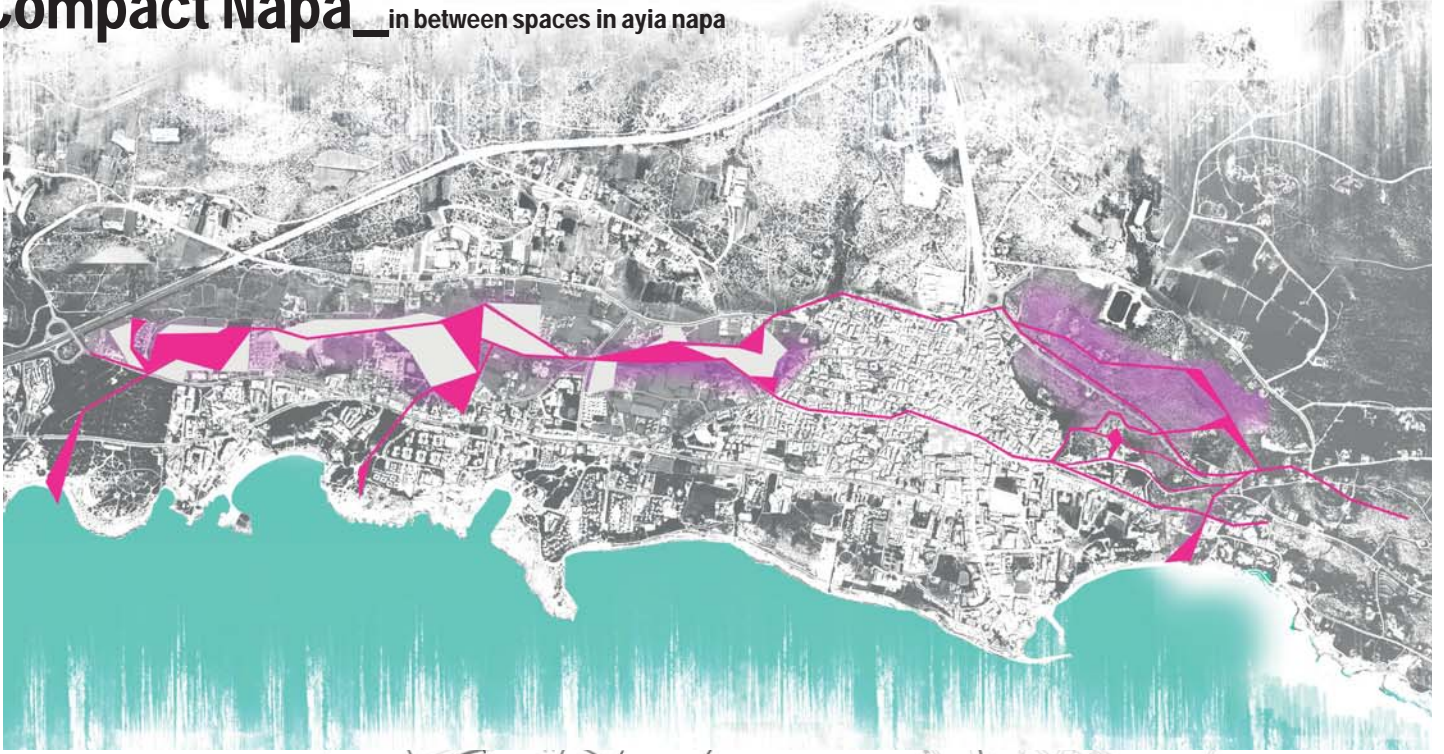
Agriculture

Windmills

View Points

Black Pipes

Street Market

Promenade

Historical Path

Longitudinal section

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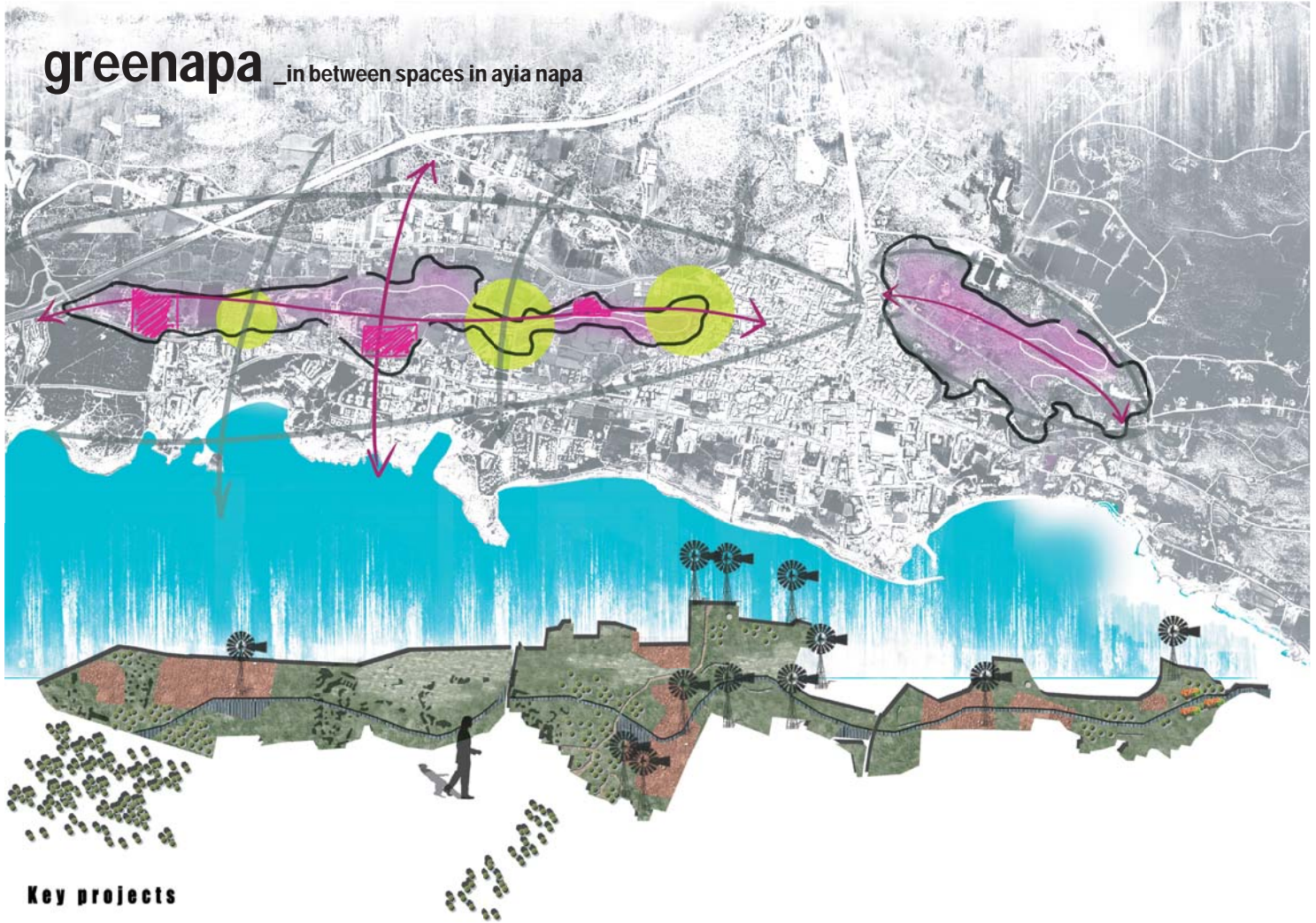
Compact Napa_in between spaces in ayia napa

Legend:
- Agricultural areas
- Productive trees
- Squares
- Green spaces
- High density develop with mixed uses
- Mixed uses
- Residential
- Natural areas
- Fruit trees cultivation

Promoting an environmental friendly development of the area:
Issues
1 - High density : to contain land consumption (urban sprawl)
2 - All year-round housing : New residents, tourists and workers.
3 - Mobility : The slow path will go through the area towards the urban core and down to the coast
4 - Eco-friendly : Innovative energy saving solutions

Provision of public spaces (can be in the nodes).
Re-use and development of rural buildings and related activities (red soil areas).

Autoctonus flora for gardens
Crithmum *maritimum*
Cupressus *horizontalis*

Trees for sidewalk
Pinus *brutia*

Trees for open areas
ceratonia *siliqua*

Productive trees

Ficus *carica*
Olea *europaea*
Vitis *Vinicola*
citrus

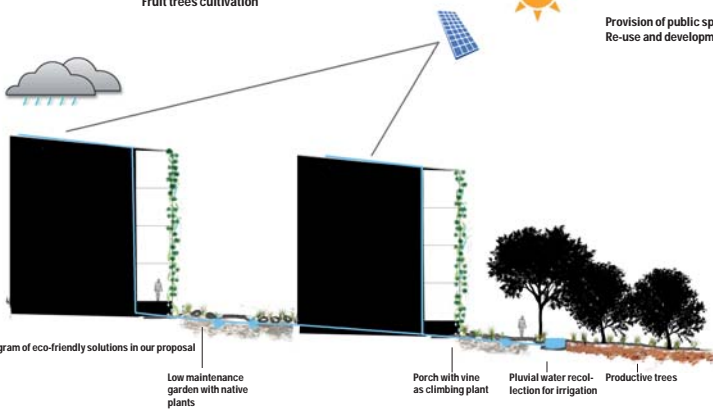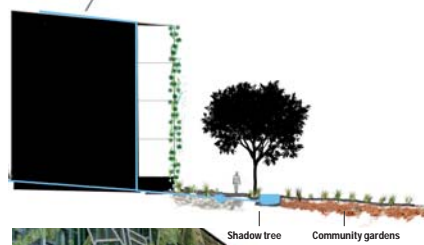Agricultural gardens

potatoes
tomatoes

Diagram of eco-friendly solutions in our proposal

Low maintenance garden with native plants

Porch with vine as climbing plant

Pluvial water recollection for irrigation

Productive trees

Shadow tree   Community gardens

SCHEDULE

AFTER THE WORKSHOP...

...ENYOYING CYPRUS!

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RELAXING MOMENTS

Dinner at a traditional tavern...

Boatrip in the evening...

RELAXING MOMENTS

After the
final presentation...

H T W K Leipzig