

10DE10UC

AN URBAN CONSTITUTION FOR THE
MUNICIPALITY "DIEZ DE OCTUBRE"

EPFL_ENAC_LAPA

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10DE10UC TRANSPORT

• **KEEP THE STREETS AS LIVING ROOM FOR HABANEROS**

TRANSPORTATION IS JUST ONE FUNCTION OF THE STREET
ENHANCE FUNCTION AS STROLLING- AND PLAY-GROUND

• **FAVOUR PEDESTRIAN CIRCULATION**

CREATE APPROPRIATE SIDEWALKS
DEPRIVATISE COLONNADES
PROVIDE SHADOW BY PLANTING TREES

• **ENHANCE PUBLIC TRANSPORT**

CREATE SYNERGIES BETWEEN RAIL AND ROAD
ESTABLISH RAILWAYS AROUND 10DE10 WITH NEW STATIONS CONNECTING
TO BUS-ROUTES
ESTABLISH TRANSPORTATION HUBS AND GATEWAYS

• **DISTRIBUTE AND KEEP LOW PRIVATE TRAFFIC**

CREATE NEW MAYOR NORTH-SOUTH LINKS TO DISTRESS SITUATION IN
CALZADA 10DE10
ESTABLISH TYPOLOGIES OF ROAD PROFILES IN VIEW OF MINIMIZING
IMPACT OF PRIVATE TRAFFIC
DEPENDING ON FURTHER EVOLUTION CONSIDER TRAFFIC TOLL TO
SUPPORT PARK+RIDE

• **CHANNEL HEAVY TRAFFIC**

CREATE CONSOLIDATION CENTRES AT GATEWAYS AND TRANSPORTATION
HUBS
MANAGE AND OPERATE DELIVERIES THRU SPECIFIC ROUTES AT
RESTRICTED TIMES

• **PROMOTE CYCLING**

CHANGE NEGATIVE IMAGE RELATED TO THE "PERIODO ESPECIAL"
INTRODUCE BICYCLE ROUTES

• **BE PREPARED FOR POTENTIAL PARKING PROBLEMS**

DEFINE STRATEGIES TO KEEP THE PARKING AWAY FROM THE STREET
APPLY EXISTING REFERENCES OF PARKING AND MAINTENANCE CENTRES
CREATE PARK+RIDE AT GATEWAYS

10DE10UC EDUCATION

- **MAINTAIN EXCELLENT DISTRIBUTION OF SERVICES**

AVOID CONCENTRATION

- **MAINTAIN EXISTING FACILITIES**

ACKNOWLEDGE NEED FOR REHABILITATION

- **CREATE SYNERGIES AND SUB CENTRES**

MANAGE AND OPERATE DIFFERENT INSTITUTIONS CENTRALLY
E.G. CASA DE CULTURA, PRIMARY AND SECONDARY SCHOOL

- **CREATE CENTRES OF EXCELLENCE**

ADD INSTITUTIONS OF NATIONAL AND INTERNATIONAL CHARACTER
E.G. UNIVERSITY LOMA DEL CHAPLET

INTRODUCTION

THIS URBAN CONSTITUTION (UC) FOR THE MUNICIPALITY "DIEZ DE OCTUBRE" (10DE10) WAS DEVELOPED IN COLLABORATION OF CEU-H AND lapa. THE COLLABORATION TOOK PLACE OVER A SEMESTER IN 2006/7 AND CULMINATED IN A TWO-WEEK WORKSHOP IN HAVANA.

THE UC IS BASED ON A SCENARIO FOR A POTENTIAL FUTURE FOR HAVANA (SEE HAVANA'S FUTURE) AND ON A PROFOUND ANALYSIS OF THE 10DE10 MUNICIPALITY (BULLET POINTS OF THIS ANALYSIS ARE LISTED UNDER 10DE10 FACTS AND FIGURES.).

IT IS PROPOSED THAT THIS UC LEADS TO A LEGISLATION WHICH WILL GUIDE THE FUTURE DEVELOPMENT OF 10DE10. ONE OF THE KEY ELEMENTS OF THIS LEGISLATION IS A ZONING PLAN FOR THE WHOLE OF 10DE10. THIS ZONING PLAN IS AGAIN PROVIDED BY THE COLLABORATION OF CEU-H AND lapa. IT WAS ALSO PRODUCED DURING THE WORKSHOP.

lapa WILL CONTINUE TO WORK ON 10DE10 IN THE SOMMER SEMESTER 2007. THE ZONING PLAN WILL THEN BE TESTED THRU A SERIES OF ARCHITECTURAL PROJECTS. THESE ARCHITECTURAL PROJECTS ACT AS A TEST PLANNING IN AREAS OF SPECIFIC PROBLEMS OR INTEREST AND PROVIDE BENCHMARK PROJECTS FOR THE FUTURE EVOLUTION OF 10DE10. AS SUCH THEY BECOME AN AMENDMENT TO THE ZONING PLAN.

THE UC IS STRUCTURED IN GENERAL PROPOSALS AND FIVE TOPICS OF INVESTIGATION (HABITAT; HEALTH; FOOD; EDUCATION AND TRANSPORT). THE URBAN STRATEGIES, WHICH ALSO WERE PRODUCED IN OUR COLLABORATION AS A BASIS FOR THE ELABORATION OF THE UC CAN BE SEEN AS ILLUSTRATIONS FOR THE DIFFERENT UC'S ON THESE TOPICS.

HAVANA'S FUTURE...

• URBAN HUB FOR KNOWLEDGE AND ARTS SOCIETY

PORT OF TRADE FOR KNOWLEDGE INSTEAD OF GOODS
MELTING POT FOR SPANISH SPEAKING SOCIETIES FROM NORTH AND SOUTH AMERICA
CITY OF ARTS AND CULTURE

• POLY-CENTRIC METROPOLIS

CREATE AUTARK SUBCENTERS IN TUNE WITH THE DIFFERENT URBAN STRUCTURES AND THEIR SPECIFIC HISTORY
KEY MEASURE TO REDUCE TRAFFIC
CREATES GREATER BALANCE OF SERVICES ACROSS THE CITY

• TRANSFORM THE BAY

HARBOUR IS NO MORE THE KEY FUNCTION OF THE BAY
THE BAY ACTS AS THE CITY'S WATER PARK AND ATTRACTS MULTIPLE FUNCTIONS (SPORTS; LEISURE; HOUSING AND BUSINESS SERVICES)

• TRADE AND WORK THE BRAND

HAVANA HAS AN UNIQUE URBANITY TO OFFER (PEDESTRIAN DOMINATED, HERITAGE DOMINATED, CLEARLY DEFINED URBAN BODY)
PROFIT FROM THE HISTORICAL HERITAGE, MAINTAIN THE IMAGE OF A CITY FOR ARTS AND CULTURE
FURTHER ESTABLISH HAVANA AS KNOWLEDGE HUB WITH FOCUS ON HEALTH CARE AND EDUCATION
IMPROVE GLOBAL NETWORK

• ACKNOWLEDGE KEY ROLE FOR CUBA

HAVANA IS THE AMBASSADOR FOR CUBA
HAVANA HAS TO OFFER INTERNATIONAL STANDARDS
INVEST IN THE CITY'S AND THE CONNECTING INFRASTRUCTURE
UNIQUE COMPACTNESS OF THE CITY COMBINED WITH QUALIFIED TRANSPORTATION SYSTEM WILL LEAD TO HIGHLY EFFICIENT URBAN STRUCTURE

• INVESTIGATE SCENARIO OF GROWTH

PROFIT FROM THE UNIQUE SITUATION OF A HIGHLY CONTROLLED PLANNING ENVIRONMENT
QUALIFIED AND CONTROLLED GROWTH WITHIN THE EXISTING STRUCTURES AND ON THE BAY TO BE CONSIDERED IN LIGHT OF POTENTIAL MIGRATION OF QUALIFIED RESOURCES FROM ABROAD

10DE10UC FOOD

• URBAN AGRICULTURE

DEVELOP URBAN AGRICULTURE FURTHER
CREATE POSITIVE IMAGE THRU EDUCATION
PRODUCE NUTRITION AND MEDICAL PLANTS
AVOID FERTILIZER, PROMOTE BIOLOGICAL PRODUCTION
TEST BREEDING OF ANIMALS
ENHANCE URBAN AND ARCHITECTURAL QUALITY OF AGRICULTURE

• RETAIL

MAINTAIN CURRENT DISTRIBUTION OF SERVICES
AVOID CONCENTRATION AND CENTRALISATION OF SERVICES
ENHANCE VARIETY IN SIZE AND CONTENT
LINK FRESH PRODUCT PRODUCTION WITH CLOSE BY SELLING OPPORTUNITIES

• CATERING

TRIGGER THE CREATION OF A VARIETY OF EATING PLACES

10DE10UC HEALTH

• HEALTH SERVICES

MAINTAIN EXCELLENT CURRENT DISTRIBUTION OF GENERAL SERVICES
IMPROVE SPECIFIC SERVICES SUCH AS AMBULANCE
RENOVATE AND RENEW THE EXISTING FACILITIES
ADD CENTRES OF EXCELLENCE

• HYGIENIC ISSUES

IMPROVE WATER SUPPLY SYSTEM
ESTABLISH STATE OF THE ART SEWAGE SYSTEM
CREATE RETENTION SYSTEM FOR FLOODING EMERGENCIES
ESTABLISH WASTE MANAGEMENT WITH FOCUS ON RECYCLING AND
ENERGY PRODUCTION

• ENVIRONMENTAL ISSUES

MAKE 10DE10 A MUNICIPALITY WITH AN EXEMPLARY CARBON FOOTPRINT
TRIGGER USE OF RENEWABLE ENERGY E.G. SOLAR ENERGY; BIOMASS ENERGY

10DE10 FACTS AND FIGURES

• MOST POPULATED MUNICIPALITY IN CUBA

WITH 200 K'HABITANTS THE 3RD LARGEST „CITY“ OF CUBA OR 2ND LARGEST
“CITY“ OF SWITZERLAND

• MONO-FUNCTIONAL AND MONO-CENTRAL

LIVING CITY FOCUSED ON CALZADA 10DE10

• GOOD STRATEGIC LOCATION

MAYOR LINK BETWEEN THE COAST BELT AND THE SOUTH
OCCUPIES THE BOTTLENECK OF THE MAYOR EAST-WEST LINK (VIA BLANCA)
ON THE BAY
POTENTIAL PRESENCE ON THE BAY

• GREAT HISTORICAL VALUE

PLACE FOR SUBCULTURE, ARTIST COMMUNITY, INTELLECTS PLAYGROUND

• ATTRACTIVE TOPOGRAPHY

MIRADOR, GOOD LIVING CLIMATE, NO FLOODING PROBLEMS IN LARGE AREAS

10DE10UC GENERAL PROPOSALS

- **10DE10 CAN NOT ONLY BE REHABILITATED, IT NEEDS TO BE REINVENTED**

MAKE 10DE10 A STRONG AND AUTARK SUBCENTER OF HAVANA

- **KEEP THE DENSITY**

USE OPPORTUNITIES TO CREATE MORE PUBLIC AND PRIVATE OPEN SPACE

- **CREATE MULTIFUNCTIONAL AND POLY-CENTRIC TOWN**

ENHANCE THE STRUCTURAL IDENTITIES OF THE DIFFERENT NEIGHBOURHOODS (LUYANO; SANTOS SUAREZ; VIBORA AND LAWTON)

ADD VARIED FUNCTIONS OF LOCAL, NATIONAL AND INTERNATIONAL SCALE

- **MAKE USE OF STRATEGIC LOCATION**

CREATE NEW MAYOR NORTH-SOUTH CONNECTIONS

USE THE REDEVELOPMENT OF THE HARBOUR TO BRING 10DE10 TO THE BAY
TRANSFORM VIA BLANCA FROM A BOUNDARY TO A LINK WITH THE BAY AND CENTRAL HAVANA

- **PROFIT FROM HISTORICAL ROOTS**

RE-ESTABLISH 10DE10 AS A PLACE FOR SUBCULTURE, ARTIST COMMUNITY, INTELLECTS PLAYGROUND

- **USE TOPOGRAPHY AS A PROMOTING FACTOR**

TOPOGRAPHY DIFFERENTIATES 10DE10 FROM OTHER MUNICIPALITIES

MAKE USE OF GOOD CLIMATIC CONDITIONS

LOMA'S OFFER A POTENTIAL FOR SYMBOLIC LANDMARKS

10DE10UC HABITAT

- **TRANSFORM FROM A LIVING TO A MULTIFUNCTIONAL CITY**

INJECTION OF NEW PROGRAM IN ADDITION TO REHABILITATION IS INEVITABLE AND WILL REQUEST TOUGH PLANNING MEASURES

- **KEEP THE DENSITY BUT CREATE VARIETY OF DENSITY**

INCREASE DENSITY IN STRATEGIC LOCATIONS SUCH AS: GATEWAYS; OPEN SPACES; MAIN CIRCULATION AXIS; SUB-CENTRES AND ON THE INTERFACE WITH THE BAY (LUYANO)

- **CREATE DIFFERENCES AND VARIETY**

MAKE 10DE10 A WORKPLACE FOR THE PRODUCTION OF SERVICES, KNOWLEDGE AND FOOD

- **CREATE GATEWAYS AND ADD NEW SUB-CENTRES**

USE NEW NORTH-SOUTH CONNECTIONS (PORVENIR AND SERRANO) AS LINEAR SERVICE DISTRICTS

USE THE HARBOUR AREA, LOMA DEL CHAPLET, TRAMVIA DEPOT, CONVENTO SANTA CLARA FOR CENTRAL PUBLIC FUNCTIONS

USE THE TRANSPORT INTERSECTIONS FOR THE CREATION OF GATEWAYS TO 10DE10

- **REHABILITATE THE HISTORICAL HERITAGE**

FORM AND FUNCTION TO BE KEPT IN TUNE

MAINTAIN 10DE10 AS A PLACE FOR SUBCULTURE, ARTIST COMMUNITY, INTELLECTS PLAYGROUND