

An innovative approach to the development project in Lviv. Practical Examples.

#### Lviv is the economic, social, cultural, and educational center of Western Ukraine





- First historical records date back to 1256
- Long history of Austro-Hungarian and Polish traditions
- UNESCO-protected city centre: 366 monuments
- 25 museums and over 10 modern art galleries
- Hosting Euro 2012 Football Championship



- Capital of Lviv Region (population: 2.5MM)
- 7<sup>th</sup> largest city in Ukraine (population: 850,000)
- Area: 171 km<sup>2</sup>



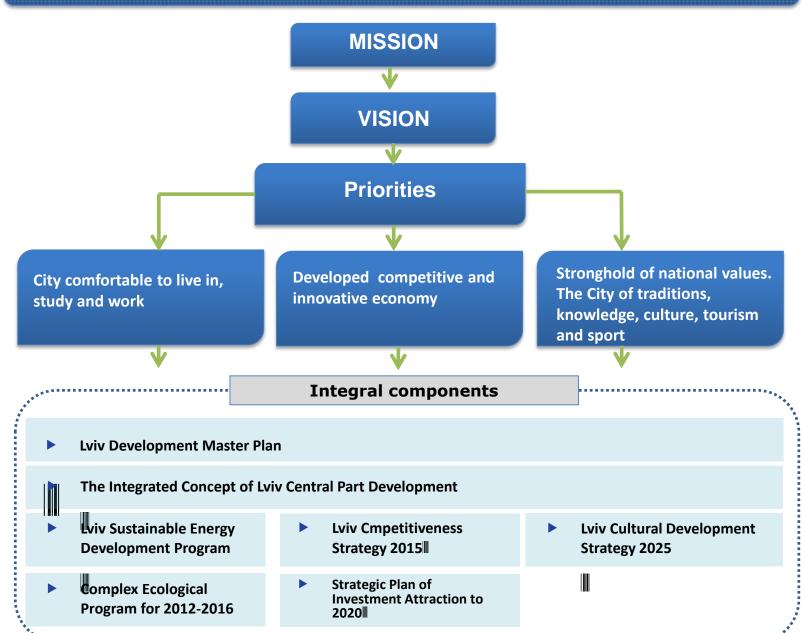
- 38 institutions of higher education
- 130,000 students in the city
- 2nd leading IT center of Ukraine
- Financial center of Western Ukraine >100 banks, 2 stock exchanges



- International Airport with direct connect to Kyiv, Vienna, Munich, Moscow ets.
- Gateway from Ukraine to EU A3 and A5 international routes
- High-speed euro-standard railroad to Krakow under construction
- General Consulates of Poland, Czech Republic, Austria, and Russia

## **Lviv Complex Development Strategy**









## **Mission**

Lviv is an open to the world and friendly to the people city. Preserving unique European heritage for over 750 years Lviv is a stronghold of Ukrainian national and spiritual values.

Working honestly, efficiently, all together, we are building ecologically clean and comfortable for inhabitants, favorable and safe for investors, interesting to travelers environment.

Lviv is modern and dynamic, it is prestigious and joyful to study here, to grow culturally and spiritually, to do sports, to create and to love...

### Vision: Lviv in the year of 2025 is...



#### **National** traditions

Lviv regularly conducts events regarding popularization of national cultural values



## **Favorable**

business

clearness of

according to European standards

Lviv – is a city, where

level of contentment

with transparency and

regulations/procedur

higher than 80%. Here

technopark is created

functional modern

es for business is

#### Lviv universities are competitive on the market of educational services and are ranked as best universities of the world (TOP-500). Lviv pupils have the highest ratings of external independent testing

**Education and** 

innovations

#### **Comfort for** residents

Lviv is a city, where contentment level with municipal services is higher than 80%, with highest level of investments and highest salary level per one resident



# Modern energy

#### conditions for supply CHP-1 and CHP-2

meet the demand of the city in energy for over 30%. Lviv achieved the best level of energy preserving and ecological technologies among oblast centers of Ukraine

#### **Cultural** and touristic capital

There is an annual growth of new touristic products and conduction of cultural events of European significance



**Healthy lifestyle** 

Lviv is a city with

modern sport

infrastructure

#### **High-tech** industries

Modern light, food, biotechnical. electronic industries are developing in Lviv. City is a leader in Eastern Europe in the field of IT business







All schools, kindergartens, hospitals are repaired and modernly equipped. Level of contentment with medical care is over 80%. Lviv – is the most comfortable city of Ukraine for disabled

#### **Ecology**

Lviv has modernized system of sewerage and of wastewater treatment, dump is closed and there is a new waste processing plant. City parks are arranged. Recreation and entertaining infrastructure is created

## **City Economy Development Strategy**



City Administration together with the Foundation for Effective Governance and Monitor Group has developed an integrated economic city strategy that aims to develop priority clusters as well as four key economic pillars:

#### **Shared Economic Vision**

#### **Tourism Cluster**

Realize Lviv's potential as a major CEE tourism destination by aligning cluster participants behind a focused tourism strategy and upgrading tourism experience and the overall infrastructure to cater to the target tourist markets and segments

#### **Business Services Cluster**

Drive cluster collaboration and attract expertise and capital to develop and promote Lviv as a leading CEE business services center that leverages local human potential to serve Ukrainian and international customers

#### **Education**

Education aligned with business needs provides companies with a wellqualified pool of talent for growth and ensures talent development and retention in Lviv

## Foreign Direct Investment Agency

Foreign Direct Investment Agency attracts capital and expertise to Lviv to boost development in priority areas

#### Governance Transparency

Improved business regulation and a general culture of transparency allows companies to develop in a transparent and business-friendly environment

## Supporting Infrastructure

Providing/ upgrading the city infrastructure that supports the development of clusters and the overall economy

#### **Funding**

Obtaining and generating the funds required for financing city investment in cluster development and economic pillars



## **Examples of strategy implementation**

- Lviv Promotion Concept
- Business tourism development
- Development of bicycle infrastructure
- The Integrated Development Concept (IDC) for the Old City of Lviv
- Infrastructure projects
- Development of Industrial park
- Energy management system
- Opening of the first municipal business incubator for IT sector



### **Lviv Promotion Concept**

#### Internal promotion

In Lviv – organizing city contests and events,

- "Transparent governmence" publishing informational booklets, placing of social advertising,
- "Authorities and community Partners" involving NGO's and institutions, business for cooperation, joined projects and events.

In Ukraine – "Lviv's hospitality for tourists", "Lviv – the biggest Ukrainian speaking city in the world", "Lviv – center of Ukrainian tratitions", "In Europe without visa", "Lviv – city of festivals"

#### · External promotion

**In Europe and the world** – "Lviv - you should meet with him", "Lviv – last hidden jem of Eastern Europe", Lviv open for investors.



## **Business tourism development: Lviv Convention Bureau**



Established in 2013 as a subdivision of Lviv City Council

A platform for the cooperation between the authorities and business sector in the sphere of marketing, that aims at common promotion of Lviv as an attractive city for hosting meetings, incentives, conferences and events (MICE)





#### Fields of work

## Sales and marketing

- ICCA membership
- FAM-trips
- Press tours
- Marketing plan development
- HonoraryAmbassadorsProgram
- Participation in international forums

#### **Promotion**

- Website promotion
- Active presence in social media
- Meeting planner's guide
- Videos
- Promo campaign in Ukraine
- Promo materials

## City environment

- Main city conferences support
- Cooperation with travel agencies
- > Tourism barometer
- Events calendar
- Monthly newsletter
- Surveys

#### Infrastructure

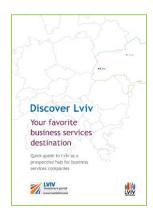
- New congress and convention center
- Improvement of the existing conference halls
- Standards introducing

### **Investment promotion**









Promotion of the city, as a good place for entrepreneurship activity, between potential investors through the participation in business meetings, forums etc.

## Investment portal of Lviv city www.investinlviv.com

➤ Promotion of portal through social networks Facebook, LinkedIn, links on the partners pages (EBA, UDC, Lviv Today, etc.)





## **Development of bicycle infrastructure**









### **Goal of the project:**

construction of the 270 km bicycle paths

Project costs: 58 million UAH.

Project implementation period: 9 years

### The Integrated Development Concept (IDC) for the Old City of Lviv



With the support of the Ukrainian German project
"Municipal
Development and
Rehabilitation of the
Old City of Lviv", the
City of Lviv
developed The
Integrated
Development
Concept (IDC) for
the Historical Old
City of Lviv.



- The concept was formally adopted by the Lviv City Council on the 21<sup>st</sup> April 2011, and was the first of such concepts to be adopted in Ukraine
- The IDC is concerned with all the important measures and projects related to the regeneration of the historical inner city of Lviv over the next 10 years







## Infrastructure projects





- Lviv Public Transport Modernization – 38 mln euro
- Sykhiv Tramline Extention 15 mln euro
- District Heating Modernization - 30 mln euro
- Sludge Treatment 22 mln euro
- German government (KfW, GIZ):
  - Historical Heritage Rehabilitation
  - Bicycle Infrastructure
  - **Energy Efficiency**
- The World Bank and IFC:
  - Water Supply
  - Waste Management
  - **Energy Efficiency**
- **European Commission**

- Purchase of used rolling stock
- Construction and rehabilitation
- Supply of equipment, new technologies
- Cogeneration
- Repair and renovation
- Construction of bicycle lanes
- Heat Insulation
- Waste treatment technologies and equipment



European Bank





## **Industrial Park Project**



## 25 hectares in industrial zone, expansion possible







8 KM

- City Center
- A4 highway along the site

11 km

- Lviv International Airport
- Airport Cargo Terminal

4.5 km

 Major Rail Cargo Terminal

2 km

Catchment area (50k inhabitants)

Public Transport

• 10 intercity and municipal bus routes

Water

- D = 500
- €0.45/m³

Electricity

- €0.076/
- D=89
- €0.374/m³

### **Energy management system**





## SEAP

## STRATEGIC OBJECTIVES OF MUNICIPALITY:

Plan for the Sustainable Energy Development IN ACCORDANCE WITH NATIONAL AND INTERNATIONAL DOCUMENTS



- REDUCE ENERGY CONSUMPTION BY 20% BY 2020 AND 50% BY 2030,

SCOPE OF COVERAGE

- REDUCE HEAT LOSSES DURING TRANSPORTATION BY 7-8% IN 2020,

**ALL SECTORS** 

- REDUCE THE VOLUME OF NATURAL GAS USE BY 20% BY 2020 THROUGH COST SAVINGS AND ITS REPLACEMENT WITH ALTERNATIVE FUELS.



- REDUCING CARBON DIOXIDE
EMISSIONS BY 20% BY 2020
DEVELOPMENT OF THE RENEWABLE
ENERGY SOURCES TO 20% OF THE
TOTAL CONSUMPTION OF PRIMARY
ENERGY

STRATEGY (OPTIMAL AMOUNT OF ENERGY SAVING, OPTIMUM ENERGY BALANCE, BELONGING ECOLOGICAL STATUS)

## **Energy management system**



#### Monitoring of energy consumption Institutions of public sector **Institutions of residential areas** The First Deputy of city Mayor The director of economi policy department Office of energy management (5 persons) **Energy managers of Energy managers of** districts administrations departments and sectors (11 persons) (6 persons) Responsible for energy monitoring **Energy managers of Lviv** in public buildings **Communal Enterprise** (324 persons) (51 persons) responsible for views collecting of the metering devices

## **Energy management system**



## **EUROPEAN CAMPAIGN DISPLAY**



## Startup Depot. Lviv IT Business Incubator



#### **Areas of activity:**









#### Coworking

- creative lab for developers, companies, designers and entrepreneurs - Workplaces 24\7 with high speed internet, kitchen etc.

#### **Mentorship**

- 2 month course of methodology of IT startup launching for people with IT business ideas (10-12 participants)

 Mentorship from successful entrepreneurs

#### **Events**

- meetups
with
successful
entrepreneurs
2 events\month
- Hackathons
1\quarter
- Startup
conferences
1\year

#### **Consulting**

- feedback for business ideas
- business model
- financial model

## **Startup Depot. Lviv IT Business Incubator**

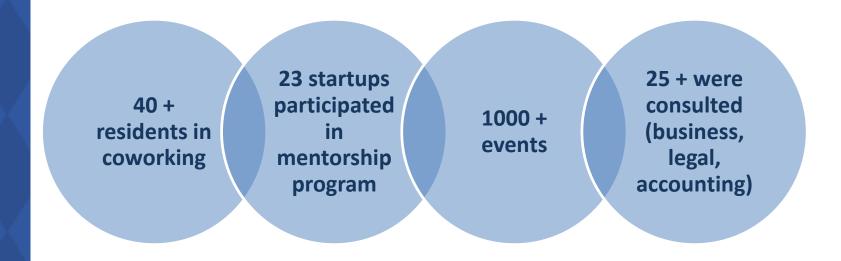


#### **Business model of Startup Depot:**

Self – sufficient organization that needs no external funding



#### **Results and key figures:**



## **Next steps**



- Lviv Business Park
- Support center for entrepreneurship and innovations
- Revitalization and public space development
- PPP development
- Energy management of housing sector
- e-government



## **THANK YOU FOR YOUR ATTENTION!**

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