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# Energy Efficiency and Integrated Urban Development

## The Example of **Jugla neighborhood, Riga**

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# 1. IUDC Concept in City of Riga, Latvia

- **1.1 Methodology: 4 stages**
  - (1) priority goals to achieve according to Riga Development Programme 2006 - 2012 were set
  - (2) detailed SWOT analysis of Jugla neighborhood was carried stating the issues to be covered within IUDC
  - (3) sustainable development concept for Jugla neighborhood was elaborated where the activities to solve the issues were found
  - (4) financial concept on how to finance the activities was elaborated



# 1. IUDC Concept in City of Riga, Latvia (continued)

- 1.2 Process
  - during Urb.Energy project
- 1.2.2. Participation
  - Urb.Energy Riga team + experts
- 1.3 Bottom up or top down ? Top down or bottom up?
  - But maybe BOTH 😊?!



## 2. Urban vision and development goals

- 2.1 Core principles of development  
(what role for energy efficiency?)
  - The main goal for Jugla IUDC:  
**Jugla as a residential neighborhood of high quality**
- Energy efficiency as part of IUDC including
  - Energy supply concept
  - Financial strategy on how to apply EE measures





## 2. Urban vision and development goals (continued)

- **2.2 Conceptual fields of development**
  - Urban Environment
  - Housing Stock (Multi-Apartment Buildings)
  - Energy Supply
- **2.3 Details on energy efficiency and funding of EE**
  - Activity F2.1 Development of a revolving fund
  - Activity F2.2 Development of a municipal building renovation company



### 3. IUDC on neighbourhood level – core action fields

- IUDC in Riga is made on neighborhood (Jugla) level ONLY
  - Elaborated as a local development and action plan (partly based on principles of Territory Planning Law)
  - Formally not a part of long term city development plan approved by city council / main challenge to approve





## 4. Summary evaluation of IUDC approach in City of Riga, Latvia

- Success factor
  - Sets real solutions for real local problems of development
- Innovation
  - First such document for City of Riga
- Challenge
  - To approve by Riga City Council to become an official document (action plan)
- Shortcoming
  - Formally not elaborated as part of city development planning system / process



## 4. Summary evaluation of IUDC approach in City of Riga, Latvia (continued)

- Transferability of solutions
- would you propose IUDC in your country as a policy and practice instrument?
  - YES
  - Since City of Riga has 57 neighborhoods more besides Jugla neighborhood there is plenty of space to cover
- who should fund this activity?
  - Municipality of City of Riga
  - Either Riga City Development Department
  - Or Executive Board of City Districts (3 Executive Boards covering 6 City Districts)





**Thank you very much!**  
**Paldies par uzmanību!**  
**Vielen Dank!**  
**Dēkojame už Jūsu dēmesī!**

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