

Awareness Raising and Participation for/in energy efficient urban fabric within the Young Cities research project

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Work package

- Analysis of Lifestyles and Energy Consumption Patterns
- Participative Planning (Stakeholder Involvement, Citizen's Participation) for the implementation of energy-efficient structures and technologies)
- •Awareness Raising, communication and Education (establishing and enhancing communication on energy efficient consumption in the local community and in the urban development process)



Background for Participation in Hashtgerd New Town

- No citizens yet within the pilot project area to be planned, only little number of citizens in Hashtgerd New Town
- Little grown urban and social structures
- Little identification with the place
- No stable civil society organisations
- No formal (legally required) citizens' participation in urban planning

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Survey of Inhabitants of Hashtgrd NT

- Positions on Climate Change
- Energy & Water Consumption
 Behaviour and Awareness
- Contentness with Hashtgerd Infrastructure

Transfer and
Integration of Survey
Results in Planning
Strategies





Focus Group
Discussions
/ Feedback Interviews
Feedback on YC
Traffic Concepts by
Citizens

Expert Interviews

Feedback on YC Traffic Concepts by Transport and Planning Experts

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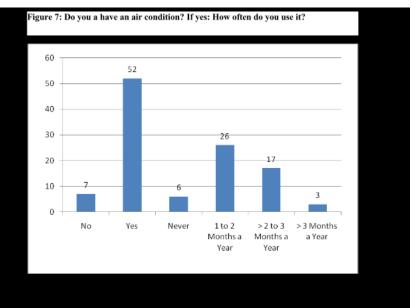


Survey of Inhabitants of Hashtgerd New Town

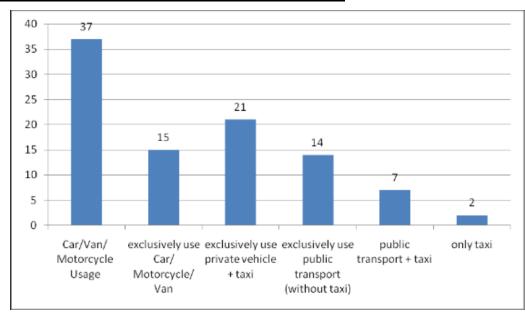
Attitudes towards Climate Change and Energy Consumption Patterns and Satisfaction with Infrastructure in Hashtgerd NT

A GE GROUP		DANIE	TOTAL
AGE GROUP	FEMALE	MALE	TOTAL
< 20	5	7	12
< 20			12
20 - 30	13	6 7	19
30 - 40	9		16
40 - 50	4	2	6
> 50	2	5	7
total	33	27	60
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High School G		18	Phase II
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		4	Praso I
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Surveys on energy consumption lifestyles







Main conclusions of the surveys

- There is a general knowledge about climate change as well as about the anthropogenic impact on climate
- The majority of interviewees feels threatened by the consequences of climate change
- 75% of interviewees try to save water
- Energy saving is being done, but often with low-impact measures (e.g. use of energy-saving light bulbs)
- Attempts to save energy are being prevented by external conditions like lack of sufficient public transport means or low quality of building resulting in leaky outer shells of the buildings
- Energy-efficient building is a largely unknown concept and is considered to be expensive
- The shopping and recreation infrastructure of New Hashtgerd requires upgrading, people use facilities in Old Hashtgerd (requires traveling)
- Television is the most important source of information



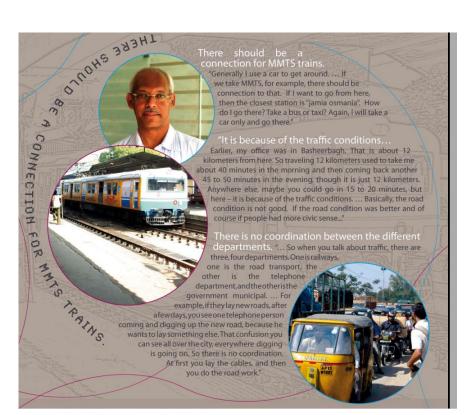
Citizen's Exhibition

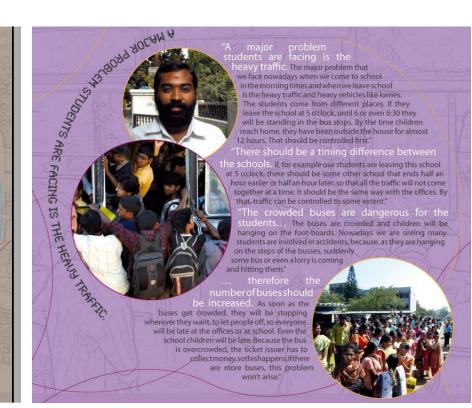
- Presents the local people's views and attitudes in the form of excerpts from interviews on posters
- spurs dialogue and promotes understanding concerning the selected issue
- Links participative elements with aesthetic components
- Adaptation to Iranian/Islamic context





TOWARDS SUSTAINABLE TRAFFIC AND TRANSPORT SOLUTIONS







Citizen's Exhibition in Hashtgerd New Town

- Adaptation to Iranian context:
 - no portraits
 - no personal information
 - structure by topic
 - two languages
- Opening of the Citizens' Exhibition at the inauguration of the New Quality
 Building in Hashtgerd New Town

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Developing Urban Energy Efficiency Tehrān-Karaj







Saving energy

مصرف انرژی در خانه و خانه داری

"What for? What good does it do if I tape down all the windows, stuff the gap between floor and door with a rug, turn down the radiators, if the entire is losing energy because of the bad quality of the structure and the material lacking quality (e.g. outer walls are not insulated) (...)."

که چی بشه؟ چه فایده ای دارد. من پنجره اه را ببندم. درز بین در و کُف را با پارچه بگرم، بخاری را کم کنم، اما به خاطر کیفیت بد ساخت این همه انرژی از درز در و دیوار هدربرود. خانم - ۲۸ ساله

"In our family, everyone's addicted to black tea. But I don't turn on the stove just to make tea. Instead I steep it in the fireplace."

در خانواده ما همگی به خوردن چای زیاد عادت داریم ولی در زمستان برای تپیه چای، از بخاری به جای اجاق و یا سماور استفاده می کنیم. خانم - ۶۸ ساله

Female, 48

من که به تازگی برای دخترم جهیزیه خریدم، سعی کردم تمام وسایلش کم مصرف باشند و برچسب انرژی A داشته باشند.

"I recently bought electronic devices that are intended to be part of the dowry for my daughter; all of them had the energy sticker A on it." Male. 51

> من و خانمم تنها زندگی می کنیم و به هر حال انرژی زیادی مصرف نمی کنیم، شاید اگر دولت پارانه انرژی را بردارد. درباره اش صرفه جویی در مصرف انرژی فکری کنیم.

"There are only two of us at home and we don't need a lot of energy. When the government decides to cut back or to stop giving out energy subsidies, we will think about means of saving energy."

Male, 71

- www.youngcities.org













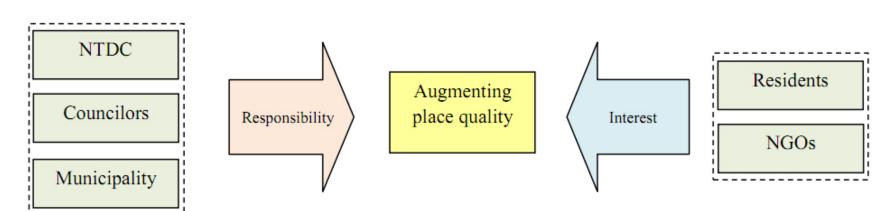


From the Citizen's Exhibition to Further Participation

Actor Analysis of Hashtgerd New Town

Research questions

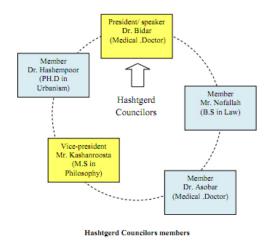
- 1) Who are the actual and potential actors in the Hashtgerd Planning and Development process?
- 2) To what extent are these actors influential throughout this process?
- 3) What are their strengths and weaknesses as a result of legal frameworks?
- 4) How are they connected to one another (are there any parallel tasks or conflicts within the web of actors' responsibilities)?

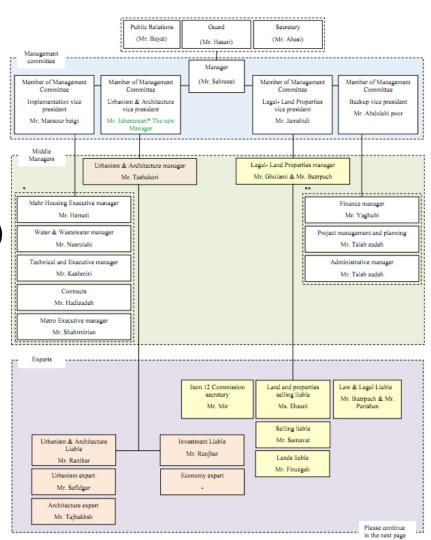




Actor Analysis of Hashtgerd New Town

- Hashtgerd NTDC
- Hashtgerd Islamic Councilors
- Hashtgerd Mayor's Young Consultants
- Hamrahan Andisheh Farda Institute (NGO)
- Residents







From the Citizen's Exhibition to Further Participation

Focus Group Discussions in Hashtgerd New Town

- Intensive small group discussions (6-10 people)
- Simple participative instrument, that could not be perceived as "too dangerous"
- Aims: discuss problems regarding traffic and transport in Hashtgerd New Town and collect suggestions and solutions from the citizens
- Development of a concept and search for partners in Hashtgerd New Town (interest on the side of the Young Mayors Consultants, Vice Mayor)

Planning Cells (Citizen's Juries in Hashtgerd New Town)

- Finally no permission from the Iranian partners
- ➤ Alternatively, we carried out many qualitative expert interviews were carried out in order to assess housing and transport concepts developed in the project



Developing Urban Energy Efficiency Tehrān-Karaj

Preparation Accomplishment		ent	Analysis and Summary			
Mon	th 1-3	Month 4-5		Month 6-8		
and gathering	e Programme of the Material riate Experts	PC 1	PC 3	PC 5	First Analysis and Drafting of the First	Drafting of the Final Citizens' Report Handing Over of the
Recruitment of Participants	Dispatching of Invitations	PC 2	PC 4	PC 6	Citizens' Report	Citizens'Report to the Principal

20 min	10 min	45 min	10 min	5
Expert Input	Questions	Discussions in small working groups	Presentation	

Structure of the working group

Weighing





Time	1. Day Subject 1	2. Day Subject 2	3. Day Subject 3	4. Day Reflection
	Working unit 1	Modeling unit 5	Marking unit 0	Wardsing smit 40:
09.00 -	Welcome of the participants and introduction	Working unit 5:	Working unit 9:	Working unit 13:
10.30		Topic 4	Topic 8	Summary of results
10.30 – 11.00	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11.00 -	Working unit 2:	Working unit 6:	Working unit 10:	Working unit 14:
12.30	Topic 1	Topic 5	Topic 9	Summary of results
12.30 – 13.30	Lunch	Lunch	Lunch	Lunch
	Working unit 3:	Working unit 7:	Working unit 11	Working unit 15:
13.30 – 15.00	Topic 2	Topic 6	Topic 10	Final Discussion and Adoption of Recommendations
15.00 – 15.30	Coffee Break	Coffee Break	Coffee Break	Coffee Break
15.30 -	Working unit 4:	Working unit 8:	Working unit 12	Working unit 16:
17.00	Topic 3	Topic 7	Hearing of Politicians	Soiree







Local Action and Participation Lessons Learned from Participatory Projects and Action Research in Future Megacities

Ulrike Schinkel/Sabine Schröder/Angela Jain (Editors)











Publication: Citizens' Participation in Urban Planning and Development in Iran

I Chapter One: Participatory Framework

By: Hossein Imani Jajarmi, Zahed Shafiei, Jahanshar Pakzad

II Chapter Two: Participative Methods and Instruments

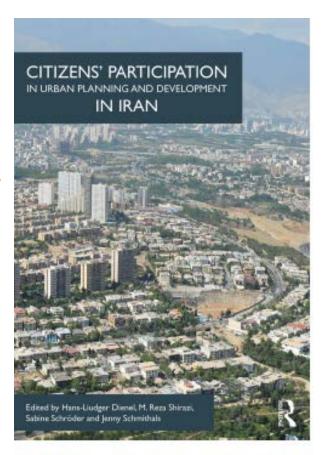
By: Zahed Shafiei, Reza Shirazi, Somaiyeh Falahat, Parviz Piran, Mahfarid Mansoorian, Jenny Schmithals, Sabine Schröder, Mohsen Makki, Mahkam Safaei-Shahverdi

III Chapter Three: Perspectives of Different Stakeholders

By: Hamid Majedi, Zahra Sadat, Saeideh Zarabadi, Maryam Kohansal, Kaveh Fouladi Nasab, Ghazaleh Jasbi,

IV Chapter Four: Local Case Studies

By: Nasser Barakpou, Marjan Sharafi, Maryam Kohansal, Kaveh Fouladi Nasab, Arman Fathejalali, Mojtaba Rafieian



Routledge – May 2017 – 340 pages HB: 9781472440525 | £105.00 eBook: 9781315572154 | £34.99



Conclusions

- Originally planned activities had to be adapted to the situation several times, not all original concepts could be implemented
- High level of formalisation for processes in Iran and low interest in participation made implementation of participative processes diffficult
- Participation is highly dependant on the support of the project partners in Germany as well as in Iran, as well as on the project structure

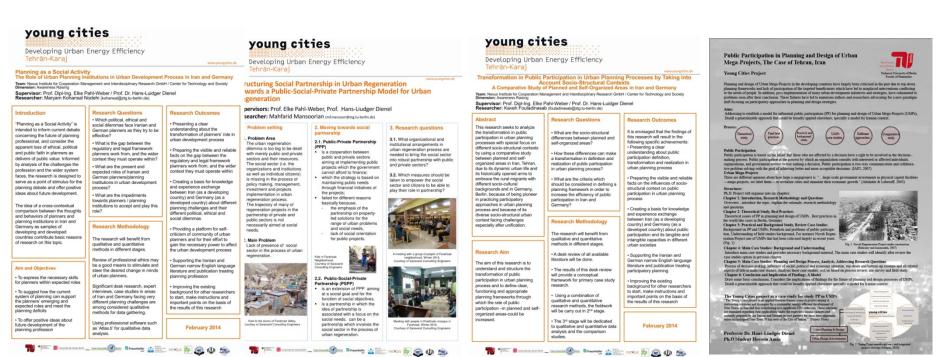
Questions

- What are the main constraints for participation?
- Which strategies are there to implement participation in countries with high reglementation/little citizens' participation?



Developing Urban Energy Efficiency Tehrān-Karaj

Four Ph-D Dissertations on Citizen's Participation in Urban Planning in Iran





Developing Urban Energy Efficiency Tehrān-Karaj

4 Years of regular workshops on Stakeholder Involvement in Iran (ca. 40 presentations)

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Developing Urban Energy Efficiency

Past Presentations

Discussion: What does Participation mean in Iran? Helic Wall: Integrated Water Resource Management in Isfahan Jenny Schmithsle: Potentials of Participation in the Young Cities Project Hashtgerd NT

Ghazaleh S.H. Jashi: Iranian Municipalities as Key Facilitators for Climate Protection and

Energy Efficient Urban Fabric: The Case of Hashtgerd New Town
Tooska Mosavat: Participatory Urban Rehabilitation – The Role of CSOs in Tehran

Akinori Shinoto: Deliberative Citizens Forums in Japan

Mahta Mirmoghtadaee: Urban form and energy consumption- the case study of Hashtgerd

Marzieh Torabi and Vahid Mimar: Improvement of Neighborhood's "Patoogh

Hoda Nabayi: Neighbourhood Identity Structures in Tehran

Farnaz Farshad: Choosing Efficient Participatory Methods Concerning Cultural Differences Case Study: Young Cities Project

Ehsan Afshar: Communication in Social & Economic Context

September 26th, 2011

Kaveh Fouladi Nasah: Critical Factors to be Considered in Participatory Projects Based on Reviewing Some Participatory Experiences in Iran Maryam Kohansal: The Role of Planners in Making Urban Plans More Interactiv

Arman Fatehjalali: A Review of Participatory Urban Planning Projects in Iran

February 17th 2012

Thamy Pogrebinschi: Participatory Policy-Making in Brazil

Sabine Schröder, Jenny Schmithals and Nadia Poor Rahim: Awareness Raising and Participation within the Young Cities Research Project

Hans Liudger Dienel: Road Space as Urban Commons - How the Social Construction of Public Space Shapes Institutions and Governance Structures (and Vice Versa?) Neda Ghazizadeh: Investigating Satisfaction in the Different Layouts of Residential Open

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Discussion Group

Stakeholder Involvement in Iran

Within the framework of the German-Iranian research project "Young Cities - Developing Energy-Efficient Urban Fabric in the Tehran-Karaj Region" the nexus Institute for Cooperation Management and Interdisciplinary Research in Berlin investigates the possibility of involving stakeholders in urban planning processes in Iran.

Therefore, the nexus Institute established the discussion group "Stakeholder Involvement in Iran" in order to create a space for presenting participative methods and approaches in Iran and discussing participation among German and Iranian researchers.

The discussion group meets every two month at the nexus Institute in Berlin.

The next meeting will take place on November 20th, 10 am at the nexus Institute in Berlin.







Sahine Schröder

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Citizens' Participation in Urban Planning and Development in Iran -Challenges and Opportunities

Out of this discussion group a book on "Citizens' Participation in Urban Planning and Development in Iran - Challenges and Opportunities" will be published, which will consist of articles of discussion group members and further renowned Iranian researchers. The book will examine the participatory framework in Iran, local case studies, perspectives of different stakeholders on participation and participative instruments and methods applied in Iran. The book will be published in 2013.









Developing Urban Energy Efficiency Tehrān-Karaj Two Iranian-German
Teachers Conferences on
Energy Consumption Awareness











Developing Urban Energy Efficiency Tehrān-Karaj

Spin-Off: Programme Participatory Urban Regeneration Tehran-Cairo-Istanbul-Berlin

Open Lecture

within PARTICIPATORY URBAN REGENERATION **Programme**

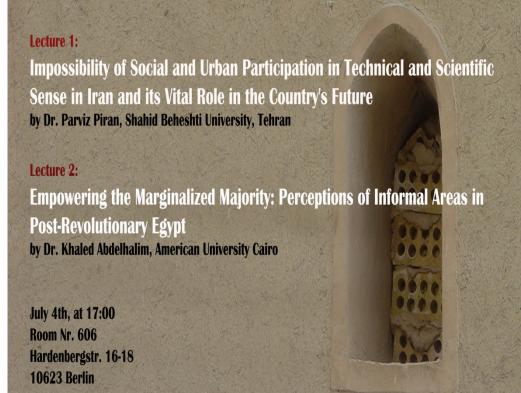
Deutscher Akademischer Austausch Dienst German Academic Exchange Service

Contact:

info@pur.tu-berlin.de Tel.: ++49-30-314 75660

www.pur.tu-berlin.de (will be available soon)





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Thank you for your attention!