Urban Segregation Miskolc
Stadslab
Master Class 2009

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Miskolc is the third most populated town of Hungary. Besides, it is the administrative, economic, educational and scientific center of the North Hungarian region, and also the capital of Borsod-Abaúj-Zemplén county.

The Municipality of the City of Miskolc with County Rank got in touch with the Stadslab European Urban Design Laboratory of the Fontys University in autumn 2008. As a result of our discussions, an architectural master class with international participation took place in our city in autumn-winter 2009.

The target area of the cooperation project was the Lyuko valley which has a special situation in the city of Miskolc.

The area located in the periphery of the city went through significant changes recently. More and more houses are built in the former agricultural area and are used for permanent housing. The area is undermined, it has no adequate infrastructure, therefore is not suitable for being a residential district.

The low price of the parcels and the vicinity of the central area of the city make the area attractive for the people living in bad social circumstances. The quick growth of the population here causes serious environmental problems (illegal waste dumps, soil- and water pollution).

The participants of the Master Class elaborated in a 4 weeks program all kind of ideas and suggestions which can help us to solve the problems of the area in long term, and also in improving the living conditions of the people in short term.

During the Master Class not only architectural plans, but also useful proposals about the possibilities of handling the social, economical problems have been suggested.

I am convinced our cooperation was successful, the plans were made upon international experiences can serve as a good basis for our city developing activity in terms of the Lyuko valley in the future.
Twenty years after the peaceful change of the political and economic system in Hungary, our country belongs to the family of the democratic nations, it is a member state of the European Union and the NATO. In two decades the country has come a long way. A new generation has also grown; they only know the situation before 1990 from the history books. No doubt, we can be proud of the achievements since 1990. We have both a stable parliamentary democracy and a functioning market economy. In April of this year the Hungarian voters were able to elect the next parliament for the sixth time. We have witnessed an unprecedented development in many aspects. Thousands of new homes were built, the number of automobiles has tripled, the borders are open, a large number of foreign investors has chosen our country and they contribute to our economic development. However, twenty years was not enough to solve all problems inherited from the Past. There are many who feel like losers of the historical changes, and the development was different in certain regions. Northern Hungary still faces many challenges. Miskolc, Hungary’s third largest city has taken serious interest in certain regions. Northern Hungary still faces many challenges of the transformation of an industrial city to a city based on its knowledge and tourist potential, a rather specific phenomenon worried the city authorities. This was the existence of a large community of very poor citizens, many of which from Roma origins, in a suburban part of the city. A community of between 3000 and 5000 lived in former weekend houses and more recently added structures justified to be called squatters or slums. Many of the residents of this so-called Lyuko valley were not registered and the social and hygienic conditions were below acceptable standards. The authorities realized that this emerging slum on the periphery of the town would be a blockade and potential risk in the further development of the town. The existence of these kinds of settlements of mainly Roma population is far from uncommon in this part of Europe and causes social and economic stress and sometimes leads to violent confrontations between the different population groups. It was with some reservation and caution that we accepted the assignment to organize a Master Class program around the topic of Urban Segregation. This was not a field that we were familiar with and it was clear from the beginning that it would need an integrated approach in which the spatial component would probably be modest. Nevertheless, this is a phenomenon that characterizes today’s urbanization in many parts of the globe. The ways to address the emergence of a rather typical kind of ‘slums’ in European cities is a serious question for planners and politicians. It poses a risk for the development of a harmonious, peaceful and productive society and leaves generations of citizens in conditions that are appalling and with very little prospects of ever being able to escape a fate of poverty and discrimination. Our strategy, from the beginning, has been aimed at finding a way of reintegrating the Roma in the city of Miskolc; while also addressing the wider context of the development of Miskolc and the Lyuko valley. This publication presents the results of the Master Class. Not only the team of strongly motivated young professionals but also a wide array of experts and decision makers have been involved in the project and have contributed to the publication. Although the project for Miskolc is very specific we hope and expect that our general strategy can also be valuable for other cities in Europe which face the same dilemma of segregation. For Stadslab as a think tank and urban design laboratory this project has been a worthwhile experience in addressing the relevant topics of urbanization and developing knowledge through actual research by design. Recent developments in Western Europe, such as the forced clearing of Roma camps in France and their subsequent expulsion only point out the extreme urgency for social, spatial and economic integration strategies.

Urban Segregation

Miskolc 2009

Contrasts in the Development of Miskolc

Marc Glaudemans, Dean of Fontys Academy of Architecture and Urbanism, Tilburg
Professor Urban Strategies.
Introduction

Miskolc is the regional centre of North-Eastern Hungary and is the county capital of the Baranya-Zemplén region. With a population close to 180,000 inhabitants, it is the third largest city of Hungary behind Budapest and Debrecen. The city has a long history of mining, trade and craftsmanship, making it a place for a rich royal household with hunting expeditions and parties. After this flourishing era, the role of the castle declined. The city still played the role of market town with churches, schools, mills along the stream and some stone houses. During the early Middle Ages, the expanding agricultural and wine-production made it possible for Miskolc to rely more and more on craftsmanship with the guild as significant originality of the city population increased to over 5000 inhabitants. During the end of the Middle Ages the expanding agricultural sector became unemployed, which led to the highest unemployment rate in the country. This economic decline and massive suburbanization has led to a large decrease in inhabitants to a more or less stable number of 180,000 nowadays. After World War II the city developed itself as one of the centres of the heavy industry. The city grew rapidly to 100,000 inhabitants in 1950 and 144,000 in 1960. The population peaked during the end of the socialist era with an estimated population of over 210,000 people. Since then the heavy industry has almost vanished during the difficult economical climate after the end of the socialist era. Approximately 18,000 workers of the production industry became unemployed, which led to the highest unemployment rate in the country. This economic decline and massive suburbanization has led to a large decrease in inhabitants to a more or less stable number of 180,000 nowadays.

19th Century

In the 19th century Miskolc transformed with a new railway to Debrecen in 1859, a new factory of Dólggyőr and the tramway from 1897. Also the first signs of the today’s cityscape were established in the 1860-1880s, when the Town Hall, the County Hall, the Tiszai and Gömör train stations were built, and the city park (Népkert) was laid out. Hámor, Lillafüred, and Tapolca were developed into holiday resorts by taking advantage of the beautiful natural surroundings.

20th Century

In the 20th century, the preparation for World War I and II required an increase in the production of heavy industry such as canons, machine-guns and steel bullets. Beside the factory of Dólggyőr, a ‘New Factory’ was built for the sole purpose of producing munitions. These activities led to an increasing population from 30,000 in 1911 to 77,000 in 1941.

Urban Segregation

Most buildings were occupied and other buildings were erected generally without planning permissions. Most of the people live in poverty and are unemployed or have a job from day to day. Most of the children benefit from their social security system by having more children (child benefit). Among the children there is a high rate of school drop-out and child care problems with a growing socialization, to what it is these days will only lead to a worst case scenario which could affect the whole city. On the other hand the municipal authorities have legal difficulties in allowing developments in the area, as there is no city development plan or any building regulation for the area. This situation leads to an increasing demanding challenge to integrate both social inclusion and urban spatial diversity. This approach could force a breakthrough in the status quo between the community and the authorities and lead to an improvement of local conditions.

Historical development of Miskolc

The Miskolc region has been inhabited for a long time. For over 70,000 years different tribes have lived in the area, when finally in the 9th and 10th century the Hungarians conquered the area. The settlement was first mentioned in the 12th century. The city is named after a family, who conquered the region during the first phase of the Hungarian conquest. In 1336 Miskolc was granted the status of market town by King Louis I (1342-1382). This attracted merchants and craftsmen. Soon Miskolc gained more privileges and became connected to the cultural and economic life in Middle Europe. Also during this period the king transformed the castle of Dólggyőr (now a western neighbourhood of Miskolc) into a gothic fortress, making it a place for a rich royal household with hunting expeditions and parties. After this flourishing era, the role of the castle declined. The city still played the role of market town with churches, schools, mills along the stream and some stone houses. During the early Middle Ages, the expanding agricultural sector became unemployed, which led to the highest unemployment rate in the country. This economic decline and massive suburbanization has led to a large decrease in inhabitants to a more or less stable number of 180,000 nowadays.

Central European industrial cities. In many respects Miskolc represents common challenges and threats of European cities in transition. First of all there is a decline in population, secondly there is a high rate of unemployment. Thirdly the image of the city is still one of the heavy industry although almost all factories are closed nowadays.

Miskolc 2009

The second half of the 18th century the city became a free borough which led to some dynamic developments, where trade and craftsmanship led to the iron industry and also to the paper industry. During this era at the first census decree by Emperor Joseph II (1780-1790) Miskolc had 14,179 inhabitants and 2,414 houses.

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Geographical map of Miskolc region

Miskolc is situated at a meeting point of several geographical regions. A variegated landscape with the Bukk mountains, Cseréhát, Zemplén mountains and the Great Plain overlook the scenery around Miskolc. The lowest areas can be found in the valley of
The city has developed in a linear form. Only the hills south of the centre are occupied by the city as the city itself is situated in the valley along the stream of the Szinva. The Bükk Highlands reach up to an altitude of 600-900 metres. The altitude is around 110-120 metres above sea-level, while the river Sajó and the streams Hejo and Szinva. Over here the river level is rising, making larger buildings impossible. Besides this, the water level is rising in this area, a former wetland, because hydrology isn’t executed now the mines are closed. The city started to use an area with small weekend-houses for the workers in the factories and mines. However, the last 10 years more and more people are using the area for full-time staying. One of the reasons is the fact that the dismantled mine led to a decrease in workers who used to have a weekendhouse in the area. But mining has also caused problems like the instability of the underground, making larger buildings impossible. The downfall has led to an influx of people without jobs and/or almost no money who have hacked or bought (for very small prices) the houses. Since the municipality has no development plans for the area, they can’t be able to record the necessary data in the area since the situation is, from their point of view, more or less illegal.

The estimated number of inhabitants is 3,000, with around 70% being Romas. The unemployment rate is unknown, but is among the highest in the city. Many people have loans and debts. Most people live in the support of the municipality and child benefits. The estimated average number of children per family is 5.3, the average for the whole of Hungary is 1.8. The children often go to school, but around the age of 12, many leave school (child pregnancy, labour etc). A problem in keeping the children at school is also the rate of movements of the inhabitants in and outside of the district. Every year, many people leave and others are attracted to the area (rural-progression). Citizens come in from Miskolc but also from the region, Budapest, the rest of the country and even from Slovakia and Romania. The constant flood of new people makes the area dynamic and also hard to change, because social work has to start all over again, facing the same problems. A small minority in the district is hiding for the authorities (usually Roms). The area is subject to criminality, but dealt mainly with minor and small offences like stealing vegetables and pick pocketing.

The diversity in individuals makes it hard to describe the area as a united community, even within the district people are segregated by income and situation. There is a lack of community feeling, which is also demonstrated by the lack of public domain, like squares and parks. However there are farms of dependency in the area, most are based on short term loans with high interest. Around 25% of the people live in houses of good quality, the rest is of poor or very poor quality (slums). Most of the houses are located on quite large plots, making some urban agriculture possible. Many plots are polluted with waste, but also with materials like asbestos. In this area there are almost no paved roads, and only one busline runs to the city centre and the schools. Around 10% of the inhabitants have the possession of a car, most of the people walk and some have a horse and cart.

The facilities in the area are limited to a church, but services like schools, medical service shops and other facilities are only found outside of the district.
Intermezzo

Favela Painting

Turning neighborhoods into works of art.

In 2006, the Dutch artists Jeroen Koolhaas en Dre Urhahn con- ceived the idea of creating community-driven art interventions in Brazil. Named ‘Favela Painting’, their first efforts yielded two murals which were painted in Vila Cruzeiro, Rio’s most notorious slum. The artworks for the murals are designed by the artists and their team, and painted in collaboration with the local youth. Training and paying them as painters, learning them the tricks of the trade and empowering them by contributing to the develop- ment of the artwork. Using a grassroots-based approach has proven to be a key factor in the success and final results. In order to generate support and approval for their activities, the artists always make the favela their home. By actually living within the local community, they’re able to connect to their sur- roundings more easily, winning the hearts and minds of people. In their point of view, the inhabitants of the favela are a legiti- mate part of the city. Using these beliefs, they work with the locals to paint the artworks, literally helping them changing the face of their community. Over the years, inhabitants of the favela’s have become aware of this method, and are actively requesting their favela to be turned into an artwork. As one woman from Vila Cruzeiro put it ‘I’ve never been to a museum in my life, and now I’m living in one’.

The latest project takes place in another neighborhood in Rio de Janeiro, Santa Marta. This favela will be turned into an art- work of epic scale. In collaboration with AkzoNobel/Coral and the local inhabitants, 34 houses will be painted with a design that reflects Rio’s ambition of being the world’s most colorful city. This artwork will transform the community into a landmark and an inspirational monument as an essential part of Rio’s image, next to the statue of Christ the redeemer and Corcovado moun- tain.

“Since the moment I started living in a favela, my ideas have con- ceptually changed. Instead of making art, I am making a social movement. This work of art can make a colorful difference in the lives of local individuals, the community and the city of Rio. It has the potential of working as a catalyst in the processes of social renewal and change” said Dre Urhahn, one of the Favela Painting artists. “Combining color and art is a powerful way of creating meaning within a community. It helps people connect to each other and to their neighborhood, taking responsibility for it. We intend to extend this project to other parts of the world in the near future”.

Realization of the artwork is largely driven by the inhabitants of Santa Marta. 25 local youth are being trained as painters by artists Jeroen Koolhaas and Dre Urhahn, providing for their own income and being responsible for turning their own neighbor- hood into a colorful monument. This grassroots method of work- ing has proven to be successful in earlier projects, and gives the local community empowerment, pride and color. Both artists are currently living in Santa Marta and in the process of painting the art work with locals. Their team is complemented by three painters from another favela, Vila Cruzeiro, where one of their previous projects took place.

This latest project is another step in realising worldwide, large scale community driven works of art. Works of art that make a colourful difference in the lives of individuals, groups, communi- ties and cities. Works of art that have the potential of inspiring others elsewhere, that leave an indelible impression and can work as a catalyst in the processes of social renewal and change.

www.favelapainting.com
Methodology and program

Stadslab European Urban Design Laboratory combines a design laboratory and a knowledge centre for architects, urbanists and landscape architects. Stadslab offers design expertise to medium sized cities and regions in Europe and therefore always works on actual cases. These cases are examined in a laboratory engaging a wider set of interests and integrating them into conceptual design proposals. Hence the urban vision, the strategic plan or a master plan are not ready made solutions but develop the cities potential, international profile and ambitions. Skills are gained and new competences are formed at the same time that it may enhance the investment perspective for the cities.

For Stadslab and its participants the results are part of the post-academic professional education. By working in the Master Class young and more senior architects, planners and landscape architects develop their professional skills. In engaging the assignment, which asks for an analysis and a design solution, participants are able to train their working methods and skills in an international oriented group of talented architects and urbanists. Stadslab offers design expertise to medium sized cities and regions in Europe and therefore always works on actual cases in a four week Master Class program. The competence development program is developed to train the participant’s skills. These skills, like presentation skills, process management and techniques for better negotiation are trained within this program. The participants are able to rely more on these skills, which are very useful for the architects and planners.

The Miskolc Program

The program is divided into four weeks, each week had a main topic. The first week was an introduction to the Lyuko valley and to perform field research in which valuable data could be collected. The second week was centered around segregation, in which discussions and the first design concepts were raised. The third week was all about designing and receiving feedback about possible solutions. The last week scheduled the final presentation to Miskolc and its inhabitants.

First week

The first week was an intensive week. We started with a welcome reception about the valley, its structure and its inhabitants. Andras Mandly briefly explained about mining and the stability of the ground in the valley.

Second week

The second week of the Master Class started on saturday with the Lyuko valley. As the Lyuko valley is a very important valley, specifically in the Lyuko valley. Secondly Katalin Patia introduced in her lecture the importance of governance and placemaking in this subject.

Third week

The third week was all about designing and receiving feedback about possible solutions. The last week scheduled the final presentation to Miskolc and its inhabitants. The final week started with a trip to Miskolc. In the remaining days and nights the participants produced an impressive amount of work. After the last field trip on the second day to the Lyuko valley the last episode was to finish the presentation. The presentation was divided into four groups on a scale and time sheet which made it possible to compare the different strategies made.

Fourth week

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**WEEK 1**

**STADSLAB MASTER CLASS : SEPTEMBER 21-25 2009**

**LOCATION: Tilburg & Miskolc**

**MISKOLC**

**SESSION 1** (09hrs -12:30 hrs)  
**SESSION 2** (14hrs -17:30 hrs)  
**SESSIONS** (19:30hrs - 22 hrs)

**SUN 20/09**

Welcome session Tilburg

**MON 21/09**

DS Design Studio  
Introduction Studio and Theme,  
Marc Graudemans and Reinout Cnoca

Lecture on Urban Development in Hungary  
Hans Wåhle, Zoltán Lupták, Lisu Ianassi

**TUE 22/09**

Trip to Miskolc  
Flight arrival 14:25 Budapest

Busstrip to Miskolc  
Check-in at hotel

**WED 23/09**

Seminar Segregation in Miskolc

Welcome, introduction by Enikő Koók  
Lectures Katalin Patai and Kinga Nemeth

Field trip  
Field survey Lyukó area, Miskolc

Cultural program  
Cultural evening, performances by Roma LecScieu

**THR 24/09**

DS Design Studio  
Field trip  
Field survey Lyukó area, Miskolc

Party  
BBQ at Lyukó area

**FRI 25/09**

Lecture on Strategic Design  
Melia van Drunen

Field trip  
Excursion Miskolc

DS Design Studio  
Trip home

**SAT 26/09**

By bus from Miskolc to Budapest  
Morning flight to Eindhoven

**COMPETENCE DEVELOPMENT PROGRAM LOCATION: Tilburg**

**SUN 22/10**

Presentation skills  
Michel Daenen

**WEEK 3**

**STADSLAB MASTER CLASS : NOVEMBER 23-27 2009**

**LOCATION: Tilburg**

**DESIGNING STRATEGIES**

**SESSION 1** (09hrs -12:30 hrs)  
**SESSION 2** (14hrs -17:30 hrs)  
**SESSIONS** (19:30hrs - 22 hrs)

**MON 23/11**

DS Design Studio  
Seminar on gypsy architecture  
Patrizio Comò

**TUE 24/11**

DS Design Studio  
Ronald Redveld

**WED 25/11**

Lecture Favela Painting  
Ricco de Jong

DS Design Studio  
Enő Kőisk, Lőtakos Emő

**THR 26/11**

DS Design Studio  
DS Design Studio

**FRI 27/11**

Field trip  
Leiden: Nieuw Leyden and Trip to Tardona

DS Design Studio  
Field trip Rotterdam: Nesselande and Le Medi

**SAT 28/11**

Trip home

**COMPETENCE DEVELOPMENT PROGRAM LOCATION: Tilburg**

**SUN 22/11**

Presentation skills  
Michel Daenen

**WEEK 4**

**STADSLAB MASTER CLASS : DECEMBER 7-11 2009**

**LOCATION: Tilburg & Miskolc**

**INTEGRAL APPROACH**

**SESSION 1** (09hrs -12:30 hrs)  
**SESSION 2** (14hrs -17:30 hrs)  
**SESSIONS** (19:30hrs - 22 hrs)

**SUN 06/12**

Trip to Miskolc  
Flight arrival 14:25 Budapest

Busstrip to Miskolc  
Check-in at hotel

**MON 07/12**

DS Design Studio  
DS Design Studio

**TUE 08/12**

Field Survey Lyukó and Miskolc

DS Design Studio  
DS Design Studio

**WED 09/12**

Preparing presentation

Field trip Lyukó

Preparing presentation

**THR 10/12**

Presentation

11.00 City Hall

Trip to Tardona

Entate Move to Balance

Tardona

**FRI 11/12**

Trip to Budapest

By Buss to Budapest

Field trip Budapest

**SAT 12/12**

Field trip Budapest

Field trip Budapest

**FRI 13/12**

Trip home  
Morning light

Trip home

**COMPETENCE DEVELOPMENT PROGRAM LOCATION: Tilburg**

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Welcome session Tilburg

**MON 21/09**

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DS Design Studio  
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DS Design Studio

**FRI 27/11**

Field trip  
Leiden: Nieuw Leyden and Trip to Tardona

DS Design Studio  
Field trip Rotterdam: Nesselande and Le Medi

**SAT 28/11**

Trip home

**COMPETENCE DEVELOPMENT PROGRAM LOCATION: Tilburg**

**SUN 22/11**

Presentation skills  
Michel Daenen

**WEEK 4**

**STADSLAB MASTER CLASS : DECEMBER 7-11 2009**

**LOCATION: Tilburg & Miskolc**

**INTEGRAL APPROACH**

**SESSION 1** (09hrs -12:30 hrs)  
**SESSION 2** (14hrs -17:30 hrs)  
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Trip home  
Morning light

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Gypsy Architecture is the first book ever published on Romany architecture and was inspired by my wish to make known throughout Europe and the Western world a hitherto unknown reality about the evolution of Romany culture and the current social cohesion of the Romany people in Eastern European countries.

The achievement of such a book was only possible with the cooperation of the photographer Carlo Gianferro and Renata Calzi, who for three months lived in close contact with the Romany community in Moldova and Romania, observing their daily customs and rhythms.

The book is, and was intended to be, a simple report on Romany gypsy architecture. Instead it became a social study, as it is the first and only document chronicling the residential properties built in the territory of the Romany people.

A simple analysis of the pictures indeed shows that the dwellings are real “buildings”, inhabited, constructed using modern building technology, but both in their outer shells, and in their decorations, in their architectural compliance, in the construction of the internal parts, displaying the imaginative and colourful soul of a people who finally, after centuries of wandering and nomadism, have had the ability and the flair to express themselves in solid, stable and contemporary construction, although with a style somewhat removed from the contemporary concepts of “architecture” as universally known and accepted.

It is obvious that a complete integration will evidently need time and greater mutual understanding: on the one hand, there are local communities which are firmly entrenched in their own local tradition, bound up with the territory and the “laws” governing them, while on the other hand there are Romany communities which are proud of their thousand-year tradition handed down only by oral tradition, which have had to (and were able to) demonstrate their strength and capabilities by building homes with a motivation which went far beyond the need to have a house.

For a Romany the demonstration of personal wealth (as is the case in any community in the world) and personal prosperity through the construction of a house is an affirmation of belonging both to his own community and to that of the locality and also a kind of revenge for the ostracism suffered within the European community over the past thousand years.

There is not yet a really integrated concept of the town, of the Romany quarter. The houses are really single buildings and stand individually. Outside them is chaos, a no man’s land. The Romany quarters have no sewerage, asphalt streets, pavements or street lighting. Only in a few cases are they linked by public transport to the neighbouring town centre. Everyone has thought only of himself and only now, some twenty years after building started, has it occurred to some enlightened bulibasha that urban “services” are a communal benefit, needed by all.

This simple reflection might well have been at the heart of a suggestion by one of the participants in a seminar concerning the area that they would and could start from scratch and create the bases for potential residential settlements and, imitating the special peculiarities of the Romany culture, attempt to abandon the classic stereotypes of our urban residential building culture in an effort to create an operating platform which will above all reflect the atavistic culture of the Romany people, the innate sense of freedom and mobility, the love of decoration, the achievement of harmony with the desire to participate in the dominant local cultures, while having the same rights and, clearly, obligations which could become irksome if foisted on them as basic parameters of the dominant majority culture.

GYPSY ARCHITECTURE
Patrizio Corno, Renata Calzi, Carlo Gianferro
Edition Axel Menges
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Segregation and Diversity

By Gon Mevis, Alderman (2002 - 2010), Tilburg City Council

Segregation and diversity can be viewed as two sides of the same coin.

The incidence of groups of citizens with similar backgrounds clustering in high concentrations has occurred throughout time. This has not been any different in the case of the development of Tilburg, which experienced an enormous acceleration in development as from the industrial revolution at the end of the 19th century.

After beginning as an agricultural community, with a typical vil-

lage structure (such as a church, a village green, a public

hall, and a number of surrounding farms), Tilburg eventually
gained the status of a city. The villages were then not only con-

nected by the hamlets, but began to grow into one another

and became a part of the same urban fabric. Generally, the

hamlets became the locations where retail businesses were

established and where more stately homes were built. At the

rear, the factories for textile manufacture were constructed and

and in the surrounding areas, small houses were built to accommo-
date the workers. Initially, such houses were extremely spartan

and with very poor sanitary facilities, but in time, these were

improved.

The segregation that was consequently apparent was initially

social and economic in character. The social segregation was

extensive. The child of a worker could not easily break through
into the world of the industrialists, whereas the children of the

upper and middle class population as a target group, whilst

the children of the working class were targeted exclusively at specific

social classes. The churches formed an interest-

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availability of information regarding further education, reducing the hurdles associated with the transfer from primary to secondary education and in the most fragile districts, such as Stokhuis. Indeed, building the most beautiful schools. In addition, initiatives are in place to stimulate the parents of both foreign and national children to send their children to schools in their own areas. Currently, it is primarily the white flight that is preventing schools from presenting realistic reflections of their districts.

On the socio-economic front, major efforts are being made to eliminate deficiencies in the labour market and to stimulate other forms of social participation. The view is that a form of societal participation is of great importance in the battle against segregation, not only for migrant families, but also for everyone. Therefore, in many measures, the emphasis is being placed not so much on ethnicity or nationality, but rather on socio-economic deficits.

On the cultural front, efforts are also being made to tackle segregation. As already outlined above, throughout time, separate sub-groups have even developed in the area of how individuals spend their leisure time. Society is not malleable enough to completely prevent this from occurring. Even more importantly, the question should be posed as to whether or not this would even be desirable for a city. Diversity in society demands an open, tolerant view with regard to self-regulation and relaxation. Therefore, in many measures, the emphasis is being placed not so much on ethnicity or nationality, but rather on socio-economic deficits.

In conclusion, the manner in which the debate regarding segregation is conducted is in itself an issue. Briefly formulated, you could say that ‘you may only participate if you are seen as fully worthy’. It is continually apparent that acknowledgement of the existence of as well as the right to be, a migrant, is of great importance in order for individuals to willingly accept the new version of society. By only emphasising obligations, by viewing all population groups as the same, by misunderstanding often fantastic initiatives and by not recognising the successful participatory character of a substantial component of the migrant community, will not help in the battle against segregation. The acknowledgement of diversity, as a characteristic of the city, that is inseparably intertwined with global developments (and therefore also with migration), is of great importance, as the segregation that exists in the minds of individuals is perhaps the most difficult issue to tackle.
was, that those camps developed into very closed environment. Nobody, not even local government dared to enter these areas. So nobody could for example collect the rent, the fire brigade couldn’t maintain the safety rules and even the police didn’t act on illegal activities. A new policy aimed at making small camps with a maximum of ten caravans was implemented, but this didn't always succeed, not even by force. Now there's a mixture of bigger and smaller camps. At the end of the nineties the law was restored on a few big camps, where drug-production, arms-trading went along with unemployment and school absence of the children. At the moment there is a standstill; the mixed situation continues; to the malcontent of both the travelers and the authorities.

Homeless
Homelessness in The Netherlands is a relatively recent development for most part originating from the budget cuts and downsizing psychiatric hospitals. The policy to let people live independently as long as their age or wellness allows them to do so, didn’t work for the group that developed a double diagnose: psychiatric problems and drug addiction. With the start of the 21st century; supported social housing was developed and the system worked: homelessness went down spectacularly. The group could live in normal houses and integrate, thanks to combination contracts that gave them a roof in exchange for the acceptance of psychiatric care. For those who couldn’t behave in such a way they would be tolerated in normal circumstances:

Spatial organization of lifestyle differences
If you look at our strategies to give spatial answers to cultural differences two elements seem to be important. First is the exclusion-force: the bigger the difference, the greater the distance. Second is the inclusion-force: the bigger the consequences of exclusion in terms of money (psychiatric hospitals) or crime rates (squats, travelers), the stronger the will to integrate.
Trailers illegally in an effort to stay at the TVP. Residents. In particular, children of residents had started parking into the local community. The ongoing debate translated into the establishment of trailer parks and greater integration of its residents. Since the early 1950s, there has been an increase in the number of trailer parks in the Netherlands, with the trailer making way for the "family home". The design of the Roomburg residence has meanwhile been completed (indeed, largely co-designed with the residents); invitations to tender can be submitted as soon as the municipality has reached an agreement with the residents regarding the financial and social circumstances of the majority of the residents of the Roomburg site. Portaal concluded that fostering social capital is crucial for this target audience, and consequently informed the municipality of its intention to broaden the programme’s remit beyond the construction of trailers spaces. Portaal would develop the residences and offer them up for rental and/or sale.

During the development in the 1990s of the VINEX location at Roomburg (VINEX stands for “Vierde Nota Ruimtelijke Ordening Extra”, a notation of the Ministry of Housing, Spatial Planning and the Environment), Portaal reached an agreement with the province for the construction of 30 trailer stands. In 2007, negotiations restarted with individual residents and stakeholders, including the construction of a ramp leading onto a new bridge on a section of the Trekvaartplein, and plans to construct an asylum centre next to the envisaged trailer park in Roomburg. In late 2007, a major weapons search took place at the TVP, involving 250 “Mobiele Eenheid” riot police. The incident attracted scathing media criticism of the TVP. Not for the first time, the facts were not quite as they had been portrayed in the news.

In 2008, the Municipality of Leiden decided to join forces to develop the VINEX location at Roomburg (VINEX stands for “Vierde Nota Ruimtelijke Ordening Extra”, a notation of the Ministry of Housing, Spatial Planning and the Environment), Portaal reached an agreement with the province for the construction of 30 trailer stands. In 2007, negotiations restarted with individual residents and stakeholders, including the construction of a ramp leading onto a new bridge on a section of the Trekvaartplein, and plans to construct an asylum centre next to the envisaged trailer park in Roomburg. In late 2007, a major weapons search took place at the TVP, involving 250 “Mobiele Eenheid” riot police. The incident attracted scathing media criticism of the TVP. Not for the first time, the facts were not quite as they had been portrayed in the news.

In 2008, the Municipality of Leiden decided to join forces to develop the Roomburg site. This resulted in partial completion of the decentralization mission. In partnership with the residents, Portaal developed a trailer park residence. Whilst this residence bears little external resemblance to an actual trailer park, it does reflect the development trends of trailer parks in the Netherlands, with the trailer making way for the "family home". Inspired by the Roomburg collaborative venture, Portaal and the Municipality of Leiden decided to join forces to develop the Trekvaartplein. The municipality prepared the site for construction, and Portaal assumed responsibility for the development, rental and management of residences and trailer stands. A zoning plan was drawn up for the Trekvaartplein, and the 1st phase of the site development commenced. This was a much-needed boost to a project that for more than 20 years had been marred by delays and setbacks.

A broader remit for Portaal

- During the development in the 1990s of the VINEX location at Roomburg (VINEX stands for “Vierde Nota Ruimtelijke Ordening Extra”, a notation of the Ministry of Housing, Spatial Planning and the Environment), Portaal reached an agreement with the province for the construction of 30 trailer stands.

- Internal conceptualization and decision-making led Portaal to adopt a more broad-based approach. Taking into consideration the financial and social circumstances of the majority of the residents of the Trekvaartplein site, Portaal concluded that fostering social capital is crucial for this target audience, and consequently informed the municipality of its intention to broaden the programme’s remit beyond the construction of trailers spaces. Portaal would develop the residences and offer them up for rental and/or sale.

- The design of the Roomburg residence has meanwhile been completed (indeed, largely co-designed with the residents); invitations to tender can be submitted as soon as the municipality has reached an agreement with the residents regarding regulations in the wake of restructuring efforts.

- Portaal plans to roll out an identical programme for the Trekvaartplein (90 residences).

- The relationship between trailer park residents – Portaal – municipality is also an integral part of the national decentralization policy. Portaal and the Municipality of Leiden are active, motivated participants. Furthermore, in some sub-areas, the project serves as an exemplary model.
Livability is defined as ‘quality of life’ as experienced by the residents within a city or region. Livability is largely affected by conditions in the public realm, places where people naturally interact with each other and their community, including streets, squares and other public spaces, and so is affected by public policy and planning decisions.

In the case of the Lyuko valley, an evident lack of community can be observed. There is hardly any public interaction and the quality of life in the valley could be described as substandard to very low for some citizens. Although some government bodies are doing the best they can to improve the situation in the valley, the current situation is unacceptable for a modern first world city.

Without sufficient investments in the Miskolc society at large. Involvement of all stakeholders need to be defined, but flexibility will be asked as needs and thoughts will change and vary in time. Although the strategy should be an international showpiece of innovation of an area, this strategy is focused on bringing improvements to the valley, the second strategy, which asks for longer preparations. A last important point in the Re-Store strategy is to stabilise the area in order to constant change in population. With the permanent arrival of newcomers, it is hard to make people want to have engagement in agreement and arrangements. In this unstable situation it is best to limit migration and work with the existing community.

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First strategy: restore
By Elena Dragu, Nicole Kell, János Gyergyák, Eftychia Mastora

The Re-Store intervention strategy aims at providing a new identity to the place and to improve the quality of life of the inhabitants. Acquiring a new identity is the key aim in the Re-Store strategy because the area suffers from stereotyping and is not well regarded both from the outside and from the inside. A new and more positive identity for the place means a lot for its inhabitants as a way to raise their self esteem and to raise the image of the community. This could help to bridge the gap between the social classes and between the Hungarians and the gypsies. It could additionally make Miskolc’s citizens aware of the talents of people from the valley; talents that could be beneficial for their role in society.

The best way to achieve these goals is to stimulate and organize interaction in the area. We propose to use the main access road as a Sunday market – a flea market mainly – where people can buy and sell goods or just for social intercourse. With large sidewalks at lower level running parallel to the street, the road is really suitable for this. Minimal interventions like repairing the pavement, improving bus shelters, adding sidewalks, adding small functions next to the road and adding street lights could improve the functional, social and aesthetic qualities of the main road. Instead of a dark and abandoned road, it could be a real street having interaction and diverse functions next to it. The enlarged bus shelters and the lighting poles can be used as platforms for interaction between inhabitants and passers by with for example an exhibition of handmade art works done by the valley’s inhabitants.

But beyond this image problem the poor living conditions remain the main issue. The area lacks basic conditions: sewage system, drinking water and even electricity for many households.

From this point of view any improvements would be more than welcome. Since most of the Lyuko valley is not suitable for permanent living (instable mine tunnels being the major threat), the only solution remains to design mobile hubs housing functions like: laundry rooms, washing rooms, but also multifunctional rooms for after school programs and adults training programs. The project has been conceived as a network of mobile infrastructure scattered over the area. In the beginning only few of such community spots are to be designed and build. Locations should be related to the already existing points of interest and interaction such as water taps that are placed at some locations in the valley.

Along with these indoor community spaces, some outdoor platforms for different events have to be designed as well. These platforms can be used for dancing, trading, outdoor education and playing. Some of these should be placed close to the mobile spots of interest next to the water pumps. Others could be placed in other parts of the valley or next to the main road. There is an almost endless list of potential interventions like community spots, sport fields (football, rugby, basketball, volleyball, a large chessboard), children’s playgrounds, tanks for rain water collection, public gardens, parks, a small lake, floodlighting some beautiful spots in the area along the road, a fruit garden etc.)

Physical interventions in the valley deal both with the image and the social and communal impact. The goal is to provide sustainable interventions which should be in the interest of the community itself. Only with their support interventions will have a lasting impact. Besides this all interventions should be implemented with at least the help of the community itself. This communal behaviour will influence the relation with the intervention.
as people will be more affected and thus more eager to secure them. To have more benefits for people helping to improve the situation, this group could gain some priority in the improvement of their individual situation. Hence acting will be profitable for those people. Another benefit will be the development of skills and knowledge by helping to realise the interventions. By receiving a certificate participants are able to show their knowledge and they can use their updated skills to improve their own houses. By using local and simple materials for the interventions, these can be carried out at low cost and by the inhabitants themselves. However sometimes high-tech solutions will be more appropriate to achieve the best effect. By using stand alone solar collectors for street lights no additional infrastructure would be necessary. Other sustainable actions such as adding rainwater collectors, solar cells for heating and natural cross ventilation principles could also improve conditions.

The reason for this kind of approach is to bring the inhabitants together in some collective actions in order to stimulate the interaction between them and to build a sense of community and sense of spirit in desiring and striving for a more comfortable way of life.

Short term interventions
In this strategy we want to create some immediate changes to improve the quality of life as the status quo is insupportable. This intervention is aimed at creating six central places in Lyuko in order to realise common places for the inhabitants who have...
been living here without any connections and facilities which are suitable for a normal city. The new common places provide public facilities such as washing, laundry, a playground for children, a football pitch for youngsters, but are at the same time places in which interaction and other activities might be undertaken.

Bus shelter
The only way to arrive in the valley by public transportation is by bus. The condition of the bus shelters is very bad. The idea is to improve the bus shelters with recycled materials. This material is cheap and can be found in the area itself – the plots are full with unused materials –. As the objects have no value, the chance of being stolen or used in a different way is very limited. The construction of the bus shelter was found on the internet, however the bus shelter might also be used for other activities in the area and could be an attraction and central area in which value could develop.

Shop
As Lyuko is undermined the soil can’t bear large housing estates. Additionally, regulations only allow weekend housing. There are still some examples of large estates built without permission in the area. One of the most striking examples is a house directly next to the road and a bus-stop. The house is not finished and is not used due to danger of collapsing. The empty house could be renovated, topped down to make it less heavy and then re-used for public functions. As it is located at an interesting spot in the area, one could think of a shop and some family services. It could be a local attraction and also a landmark next to the main road. As the community centre is not far away, both functions could arrange a centre-like feeling in the area around.

Workshop
This place could be used as a local workshop which inhabitants might use whenever they have gratified the conditions and terms for using the location. After demolishing a house or collecting some materials, ready for recycling, people could use the workshop to fabricate their own recycled products. The workshop can be used for community service and also for individual purposes. The workshop could house heavier tools and instruments so people can develop their skills and can construct products which they couldn’t produce or afford before. Once a week a training schedule could be enrolled listing technical experts from various fields who are able to train the locals in producing better materials. Besides this the workshop also houses a storage compartment in which materials can be safely stored. The workshop place should be located near a community service point and should have good access by a well paved road for transportation use.
Housing stock
To improve the looks of the valley there are several – non perma-
nant – options to work with. One would be floodlighting houses
that are suitable for living and are in good condition. Another
option would be to renovate houses and give them a better
looking façade. This could be demonstrated with the help of
local artist, which makes it possible to have a new identity for
the area which resolves in branding ideas. The terms for this ren-
vovation process should be very clearly demonstrated and car-
ried out, so there is no profitable situation for locals who don’t
deserve help. Without action of the inhabitants no attempts to
improve their situation should be undertaken. The balance
between help and performance of locals should always be
demonstrated.
The second phase of the process is called Re-mix. As we know the Lyuko area is not very suitable for permanent living. It is convenient for temporary purposes like gardening allotments or summer houses, but due to the risk of landslides it is not very suitable for permanent occupation. Moreover, it is not suitable for living due to the lack of amenities like water tubes, sewers and for instance the bad road conditions especially during wintertime. Local authorities have determined that permanent occupation is allowed. Even the geophysical and geographical conditions, the Lyuko valley has degraded to an unsafe, uncomfortable, unhappy place where segregation took over. Propelled by the bad conditions and the cheap and abandoned state of the real estate, plus the fact of the remoteness of the valley, gypsies of Roma ethnicity were attracted from Miskolc and other places in Eastern Europe to this niche. What happened is notorious. It seems quite easy to redecorate the area into a sunny, peaceful holiday like housing and recreation zone. Where Roma took over the abandoned plots; definition roads are paved, electricity lines are tracked, a school is built, the store is reopened. It occurred to us, that exactly this kind of area, with the trees, the informal buildings, the vegetable gardens, the kids playing with no busy road, people washing their cars, is the type we often use in Western design practice as a reference for unhurried living, do what you want to do, live hidden from society but with your closest family or friends, have a beer every time of the day in the porch.There were profound discussions within the design groups, either to reinforce this ‘paradise-like’ status and rearrange more social input in the area (school, doctor and so on), or - given the juridical and geophysical impasse of the case - to break the negative spiral by practically ‘forgetting all about Lyuko’ and proposing a new future for the former inhabitants outside of the valley.

The first option was abandoned as a permanent solution and was introduced as a temporary way to solve the most urgent problems in the valley. As described in the Re-Store phase. In the end, the second and most rigorous scenario seems to be the best. For the simple reason that the Lyuko area is not suitable for living, and the juridical impasse that fact brings (after asking several parties, nothing seems possible), it is the most feasible and desirable option to start a process which solves most of the problems at once. This process includes a step in which most of the Roma people will leave Lyuko and will be directed to other places in the city. Secondly newcomers to the Miskolc region should be kept out of the Lyuko area and located to other areas. This is the Re-Mix part of the strategy.

Let’s make this clear at first. Remix is not a plan to chase people out of their homes or tear up families. There is no meaning in forcing people or to move households on a compulsory base. This would lead to protest, a negative spiral and in the end to disproportionate costs. However, moving out of the Lyuko valley seems to be the only option. It is more or less a necessary step in the improvement of social and physical conditions of the inhabitants of the area.

The idea is to provide new locations in all parts of Miskolc. On the long term of several decades the city should adopt several thousands of people from Lyuko in other parts of Miskolc. These areas allow for suitable living conditions and are receptive for acupuncture interventions. Architecture and urbanism play a key role in this process of making new plots for the inhabitants of Lyuko while at the same time add value for the existing inhabitants. To organize this, it is crucial to have a well organized system of governance.

Second strategy intro Remix
by Taddeus van der Weegen
Urban Segregation

The process
It all starts with accurate information to all the people involved. The families and individuals in Lyuko need to be explained about the goals of the process and the way it works. This process can already take of during the Restore strategy. For example by organizing meetings in this community center in Lyuko. The inhabitants can be informed about the possibilities, the advantages and the disadvantages, the eventual costs, introduced to the (municipal or ngo) employees who support the process. At the same time, research can be performed for the most urgent cases, like the degree of poverty, the size of the families, their backgrounds, their budgets et cetera. It all starts with accurate information to all the people involved. The families and individuals in Lyuko need to be explained about the goals of the process and the way it works. This process can already take of during the Restore strategy. For example by organizing meetings in this community center in Lyuko. The inhabitants can be informed about the possibilities, the advantages and the disadvantages, the eventual costs, introduced to the (municipal or ngo) employees who support the process. At the same time, research can be performed for the most urgent cases, like the degree of poverty, the size of the families, their backgrounds, their budgets et cetera.

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Second strategy: project 1
Elemental Housing by Abre Etteh

The main task of this particular intervention in the larger scheme for Miskolc was to provide housing for medium to large sized families of the Lyuko valley. Considering previous failures in housing the residents of Lyuko in high density housing, this scheme attempts to avoid those problems and yet attract Lyuko residents with the prospect of communal living, ownership and green space.

Drawing inspiration from the Quinta Monroy housing in Chile, the strategy for the housing was to utilise current Government subsidies due to a particular family to pay for the land, the infrastructure and their new home.

The proposal is designed to avoid creating social housing at the fringes of the city by investing the bulk of the initial costs in purchasing the land. However, building houses on individual plots of land presents a major problem with costs.

To make the most efficient use of the land, we introduced row houses, which require the width of the plot to be coincident with the width of the house thereby maximising the available space. The problem presented by row houses however, is their inability to be extended, should a growing family require extra space. Extending row houses therefore compromise light, ventilation, circulation and the building plot could become overcrowded.

We thought it was important to design a housing type that afforded the possibility of expansion in order to give these families the possibility to adapt their dwellings to the family’s changing needs while remaining connected to a wider community of families also from the Lyuko area.

Each family is involved in the construction of a 35m² house which has been designed to be extended in the future without compromising light, circulation and ventilation. The basic structure of the houses is created in concrete A-frames, which also guide and constrain the amount of extension which can be carried out on the dwelling.

The initial 35m² of dwelling space sits adjacent an empty space on the plot, intended to be utilised by the family as a garden space or as a space for income generating activities. The initial dwelling unit provides a kitchen and bathroom meaning that later additions need only provide extra habitable rooms according to the family’s needs.

The concrete frame also gives families flexibility in the materials used to fill-in the spaces created by the frame. Working with members of the building industry, the erection of the houses will give the Lyuko residents new skills in construction. As thoughtful additions to the existing houses are constructed, this will add value to the houses and the development in general.
Second strategy: project 2

Back to the city. By Eftychia Mastora with help from Iona Suliciu

‘Circus’ is the building typology which refers only to Roma. The name deals in the first place with the shape, the construction, the low cost and the mobility, and then secondly with our subliminal circus. Searching Roma’s culture we realized that they have stable social habits in different places. A community with strong bonds, inner rules, and art. No matter the environment, they are organized as a strong core and follow their traditions. It comes naturally to them to gather in circles, to have a center, to be accompanied.

As location a green area which is surrounded by blocks of buildings, according to the city’s grid has been chosen. It is the clear four-sided shape that maintains the condensing human dynamic in the centerfield. Twelve families are able to live in the dwellings and they might be connected as relatives or as friends from Lyuko. In this way they achieve spatial continuity in social life and special physical and literal occupations. The construction itself is a light self-supported construction. It consists of metal columns and a cable system. The columns are organized on a radius of a perfect circle. They are leaning increasingly from the center to the periphery of the circle, creating triangles, in order to rest on the construction’s forces and weight. At the center of the circle, the main structural element consists of a group of columns. At the same time this is the cables’ starting point. All columns are connected by cables at the top and are tied to the base. The base is a horizontal, grounded, metal system, which functions to fix the moving parts as well. The moving parts are walls and ceilings, which are made of metal constructions covered by wood. The cables are holding the tent one level higher than the ceilings. The circle is divided into two parts and has two sizes of residences. Each residence measures 100m, adding or subtracting outdoor space, depending on the season, or measures 100m for bigger families. The part of the circle with smaller housing has a stable position for the upper tent and all moving parts underneath it. The other part has specific position for walls and ceilings, but has a movable top tent. In this way they can exploit solar energy and use the exterior as extensions of the house. It is known, that living outside, is one of their strongest characteristics of Roma people, which should be maintained. This is the reason that more open space is used in the inner circle. In the center of the circle, the families can have common activities. The central group of columns are also functioning as an object of art, or as a way of publishing group intentions, by coloring them symbolically, or emitting signals.

Most of the materials are recycled or reused and easily fixed by the users. Participation in the construction, by gathering and fixing materials, is a way of bringing the dwellers closer to the object, and contributes to an easy passage from one place to another. This kind of workshop is the transient period, a physical step for integration and results as a pick from society’s future. The circle is crossed by two passages. These are public and open, so everyone could go through the circus to the inner central yard. That central yard is the place ‘to go to’ and interfere with the dwellers, socialize and have fun.
Second strategy: project 3

Vol. 2 / Gypsy housing – Stanovanje za Rome by Marija Blagojevic

Suburban integrations – Pereces

The strategy of moving people from the Lyuko valley to Pereces (parallel village also in Miskolc County with similar but better natural conditions) is based on free will of Roma people to change surrounding and quality of life. Basically it is planned as an integration process by providing the same socio-economical status to Roma people as their Hungarian neighbors in the village Pereces. From an architectural point of view this means “I want the same house as my neighbor has”.

The urban planning study begins with mapping of free plots between Hungarian houses in Pereces. A second parameter was not to make a cluster of Roma in the village, but to choose plots with a distance of approximately 90m from each other. This could provide a sense of having other families from Lyuko as in the neighborhood again, but one would also have the opportunity to avoid each other. By using these two parameters 20 plots were found.

Next phase was implementing the concept into the urban pattern by studying regulation lines, positioning the house on the plot, measuring the total floor area of neighbor houses and defining housing typology. The last one was based on the typical Hungarian village house with a porch as main theme of the house. Also the roof study of buildings in Miskolc as a former industrial town was taken into consideration and led to the inspiration of the saw roof typography.

The project also takes into account the social and anthropological studies regarding the lifestyle of Roma. The study includes the life of the Roma in Romania, Moldova and Hungary. Main topic was the outdoor life and social structures. A very strong connection with nature and the rhythm of life was found, given the nomad past and alternative ways of survival, such a symbiosis with nature. This lifestyle also includes life with minimum needs. The essential is more than enough. Due to technological development the world started to change faster than “children of wind”, as a result Roma were forced to stop with the nomadic way of life. However, some habits are kept subconscious like the desire to sleep close to the ground and using almost always only the ground floor.

The explored houses in all countries are showing an “adding culture” which results in a collage in every possible sense, in music, clothing, interior and exterior. Designing and constructing houses is developed as cutting photos from magazines, making a collage and then building on site that very same collage. The house is the only image they want to show, a house usage though is a completely different matter. In fact most houses they built don’t match their needs only in their wish for visibility.

Parallel with these social studies, the standard of Hungarian residential architecture was analyzed. A few basic rules were taken on to the project in Pereces. One of them is the minimum area 17 m² for one room in the house and the fact that a toilet is always separated from the bathroom. Another one was the fact that there is a strong wish of the Roma people to sleep together in one room, no matter how large a family is. These essential elements were used to design the first type of a house. Based on the research this resulted in a project of 20 plots with 11 housing typologies. The main area of the house is a porch and living yard. The living yard is a semi-closed place at the back of the house, with views on the backyard. This space of “free will” is dedicated to endless collage of lifestyles. Just like the porch this area can be closed by walls or improvising coverings. Inside the house one space is visually divided to another by positioning toilet and bathroom towards each other. This project consists of two parts. The first one is done in Stadslab as part of Case Study Miskolc and presents urban planning research and a concept for housing. The second one was developing 11 housing types and was done in Belgrade on Faculty of Architecture.

Second part: Gypsy Housing / Stanovanje za Rome Mentor (of the second part): Professor Branislav Mitrovic, arch. Faculty of Architecture, University of Belgrade, Serbia
This project brings practical emphasis to the term INTEGRATION. It aims at people from Lyuko with artistic skills (dance, music, theatre) and an educational interest. At the University campus, in the southern part of Miskolc they could find an opportunity to invest and professionalize those skills, while reorienting in the city. Besides all the mentioned facilities for education, the campus was chosen for its type of population, mainly teachers and students. They can be regarded as more open minded and educated to accept social integration, also as consequence of the temporary residence term in the Campus. They may have interest in the new inhabitants’ artistic skills, gypsy dance and music, and for this whole sociological phenomenon.

Looking at the existing urban arrangement and buildings in the University Campus of Miskolc, these are remarkably from the Modernist era, with their sharp-orthogonal lines, massive scale and immense space between buildings. Despite the vast green areas, they seem out of reach for use, somehow alienated from others’ domains. This system of path lines has a different typology and the relation with the green is at all times relevant.

There are 11 units of housing clusters situated in the campus. The clusters, whose arrangement defines a semi-private courtyard, have a limited number of inhabitants. The courtyard defines the identity and meeting point between neighbors, but it also invites ‘outsiders’ to its intimate space, as the network of Path Lines crosses this area.

Regarding the main goal of the project ‘Integration’, the units are similar in size and envelope but are distinguished in 3 categories of use: Landscape Unit, Student House Unit, and Social House Unit. The Landscape Unit integrates the cluster within the Path Lines and the surrounding environment, whereas the Student House Unit integrates the cluster within the existing social context. The Social House Unit is finally the one aimed at the integration.

So, per cluster, we have the following program:
- 2 Landscape Units
- 3 Student House Units (9 inhabitants)
- 6 Social House Units (30 inhabitants)

TOTAL: 11 Units = 39 inhabitants

Each social house unit measures 64 m² and is optimized internally to accommodate a family of 5 people. Inspired by the gypsy’ way of living, which gives preference to ‘one unified space’ where everything is shared (thus no individual bedrooms), here there’s only one wall dividing it internally in two major spaces, besides the bathroom. One is a large living room with open kitchen and access to the semi-private courtyard; the other is a large sleeping room, where curtains or furniture can freely divide sleeping zones.

The student house unit has exactly the same appearance as the social house unit; only internally it is adjusted to a regular student house for maximum 3 people. Therefore it has 3 independent large bedrooms, a shared bathroom and a shared kitchen with living area.

The landscape unit is the transformation of a house unit in a landscaping element. It only keeps the exterior walls, which are cut open to give access to the semi-private courtyard; open to the sky and sitting on natural ground, it is the link between the surroundings and the inner world within each cluster.

Podium Square
Finally, the podium square is a central space arranged as an open Auditiorium, symbolic of the ‘stage’ teachers and students face during lectures. This ‘stage’ is symbolic to the new community dreams and is an investment for its future. As it’s a symbolic place for both social worlds, it is located at the heart of the campus, at the crossing of the two main axes, which continue from the existing structure. Also the Podium Square is cut open by the path lines, which cross over the stage. This is the sign the area is meant for everyone in the campus whether it is the occasional passerby who walks or cycles going to school or going home or by appointment. The intention is to meet and assemble at the square.

Second strategy: project 4
Performance facilities
Social housing, mixed with student housing
by Rita Martins

Urban Segregation

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Stadslab Master Class Miskolc 2009
Second strategy: project 5

Bench by Taddeus van der Weegen

The title of the project ‘Bench’ indicates that it concerns a small intervention, not only in a residential policy but also in the field of public space. Bench is, in the Remix-phase, a realistic project that can be introduced quite quickly in the city of Miskolc on several locations, generating an immediate flow of people and at the same time having beneficial effects to other residential areas than Lyuko when it comes to integration, education and restoring or changing physical circumstances. Not only areas whose decay is expected, but also introduction in upper class areas is welcome. A pre-designed concrete street bench is guiding of the process.

The project focuses on small groups of families, varying from 10 up to 25 people, in little settlements of about 5 dwellings. This may refer to the Dutch policy of little camps for Gypsies scattered around the city, but with a major difference: segregation is avoided in this case plus an important role for public space is involved.

The first step into realizing the project is to select suitable locations with given conditions. These are preferably block corners, with low real estate costs. They can be found all over the city, for example in degraduated areas on plots which are abandoned or decayed, but also in more valuable areas with a declining population. Block corners play an important role in the city’s image because of their visibility, as they are not hidden behind or between housing blocks. Another important input for the selection of the locations should be the existance of a nearby elementary school, a playground, a shopping area, an industrial area or a hub in the public transport system. These are the conditions which are lacking in the Lyuko valley, however needed for a successful integration within society.

As soon as a plot of around 1500 square meters is obtained (executed preferably by a housing corporation possibly combined with the municipality) and buildings are demolished, the second phase of the process begins with the construction of a low budget public square by using low cost materials as (left over) reinforced concrete, asphalt and granulated debris. The square also accommodates an area with grass or sand, where playing devices can be placed. Next to the square there is a spatial reservation for housing units. These housing units of maximum 56 square meters (600 square feet) are placed on plots of 200 square meters (2.150 square feet). All houses have a garden and a accessible driveway on its own land.

The next phase is to place the pre-designed bench body on the square. This is an 8 meter (26 feet) long and 1,20 meter (4 feet) broad volume in a third of a circular form. The bench can be repeated once, twice or even more times and can be placed in several configurations. It is designed to sit on, to play on, to eat on, and is wide enough to, for example, play chess on. Hence this bench could be the beginning of a social integration process between the newly attracted family or families from Lyuko and the present inhabitants of the surrounding area.

As soon as the first inhabitants arrive, they and the present community are invited to decorate the benches with tiles. The tiles could be theirs, their families, Gypsy-tiles, tiles from the garbage dump or tiles from former Lyuko houses, the tiles will have a history. Together the tiles will be transformed into a unique and personal mosaique. With every construction of a housing unit, the inhabitants are invited to fill in parts of the benches with their own creative input. A functional, symbolic and esthetical artwork evolves while families arrive in new dwellings surrounding the square. Next to the benches, plain and safe playing devices can be installed to make the square more attractive.

Some landscaping with a few trees and flowers makes the area even more attractive.

The presence of the colourful benches, the playground and the shady trees must not only please the new inhabitants but also play a role in the public awareness of the current inhabitants. The area is meant for both communities and will act as a resting, playing and above all a meeting place with interaction between them and the newcomers. In a friendly manner with social and physical aspects, small groups of Gypsy families can thus be introduced in general housing areas. The aim is not to disturb the existing structures but instead to respect and reinforce the structure of the public domain and cultural values.
Second strategy: project 6
Cube Unit by Vassilis Mavratzas

The project will be constructed right at the point where Miskolc and the Lyuko valley meet. A narrow empty block at the right side of the main vertical street is still part of the city. However the surrounding area also marks the beginning of the Lyuko valley. Hence the area is an ideal place for the establishment of some new residential units, as the area is part of both Lyuko and Miskolc. Relocation of families from Lyuko seems more likely to succeed in a more transient place which could strengthen the integration process. The main idea is to avoid ghettoization. The mixture of Roma and Hungarians (who already live together at Lyuko) would be a start for the new transient period.

The size of “New Lyuko” will be about 30m for 200m. The 35 to 40 new houses will host 150 people (3-5 people per unit). Despite the number of people living there, the creation of a ghetto is avoided as the population will be mixed (Roma – Hungarians). Each house will be placed at a distance of 4m of its neighbor. There will be two rows of houses at the opposite sides of the block, creating an inner pedestrian path with average width of 8m. The path will mainly be used by the dwellers of the block and plays an important role in tightening the new neighbors as its’ narrowness helps to improve daily communication and social contact. At the northern part of the project a workshop center will be built with just in front of it “The Colourful Square”.

The concept for housing is quite simple. A set of cubes with dimensions 2m x 2m x 3m will form the basic housing unit. The minimum ground floor plan is 24m² and the maximum is 64 m². The maximum height is 6m without the roof and 7,2m with the roof. The construction is simply made by placing panels of different materials (wood, metal, concrete or any other available textures) with isolation and a thickness of 10cm up to 35cm depending on the material. The bathroom and kitchen are situated at the ground floor furthermore they are always placed at the opposite side of the facilities of the neighboring houses. The idea of the cube gives the opportunity to construct low cost

The price of the houses will be low and a part (1/3) of the price could be paid by the municipality or a housing corporation. The rest should be paid by the owner. Families with more than three children, who are depending on benefits, will be pay indirectly. A part of their allowance will be deducted by the municipality as reimbursement of the house. Also, the owners will have the opportunity to work at the infrastructure construction and will therefore pay less for the house as an exchange.
Second strategy: project 7

Lyuko craftsman’s farm by Zsolt László

Lyuko craftsman’s farm is first of all mainly focused on reintegration. Within the strategy of creating settlements in the city, the craftsman farm is a medium sized settlement. The project houses around 30 members, consequently they can keep the tightly familiar relationship and they also have the ability to hold on to their own lifestyle as they have enough space. To improve their living conditions the inhabitants should find a place to generate income and being able to raise their cost of living. In latter days there was special traditional knowledge for the countrymen in producing equipment and objects for the everyday life. Nowadays there is a market demand for these objects as they are getting trendy and because of their eco-character. For example cooking utensils made from clay, carpets, and adobe bricks could all be easily made by the residents of a craftsman’s farm.

There are two main conditions in creating opportunities for this way of living. First the place should be linked to the city community and secondly the new settlement should still posses enough liberty to reside for their own lifestyle. The entrance of the Lyuko valley could therefore be an interesting area to start with a prototype. Here, it could as well generate more improvements and examples for the inhabitants of the valley. The settlement could contain six houses, a workshop building with tools and a shop for selling the products; the building morphology is the typical vernacular dwelling. However when the new inhabitants arrive only two walls and a roof will be build as a starting point. Besides this public utility installations work will be carried out in advance. Improvements and completion are depending on the inhabitant’s own initiative. They have the choice of completing the buildings in their own style, which gives the settlements spatial diversity and prevents them from repetition and becoming the same.

The children can be involved in the process as well, which could be advantageous on the score of self-regard. In this case their own self-esteem and the opinion and judgement of the Miskolc population on the Lyuko inhabitants could ameliorate. Hence the project could not only lead to spatial improvement but also work as a mental improvement. Both aspects could help in achieving reintegration.
The general idea of this long term intervention would be a revival of the past identity of the Lyuko valley. Not that long ago this suburban rural area was a well appreciated place for resting and walking in nature. The geography consisted of forest and grasslands with cattle. Many people used to have small plots to grow fruits and vegetables. In our vision it is possible to redevelop the area starting from this traditional identity, making it an area which is again interesting for the inhabitants of Miskolc as a recreational area with small scale farming and agriculture. In the end the purpose of the strategy is to gain (property) value in the area. Implementation of the strategy asks for long-term patience. However by working in small steps, the goals could be reached.

At first local inhabitants who haven’t moved during the Re-Store strategy could be persuaded to deal with the territory in a more sustainable and durable way. People could cultivate land which was previously occupied by former inhabitants. This would lead to continuous use and would bring them the possibility to live, at least partially, of the yields of the land. These small-scale investments in the area will also be beneficial to the image of the area as decayed houses will be replaced by flourishing gardens and forests. Also this could lead to a re-interest of local people in owning a second house in the area.

Other initiatives include ecological investments based on the reinforced strengths of the area. These small scale enterprises could be led by the inhabitants of the Lyuko valley and could benefit from the beautiful natural surroundings. The area is then again suitable for small-scale recreation purposes with eco-hostels, an eco-park and small-scale public farming.

A new land use is important for the valley and Miskolc as a whole. Without new land use and people to maintain the area, the area would still attract newcomers who would settle in the same way as people currently do in the area. The positive conditions for them, close to the city and low cost housing would be the same. Only with new land use, whether it is farming, well developed parks, nature or housing the area starts to develop and a rise of property value may be expected. With the rise of property value, the area becomes less-attractive for people who are depending on social welfare. Also with the higher value of the properties, occupation will be better counteracted by the people who own the area. This is in contrast with today’s value of the properties, which is considered low. This leads to a situation in which owners have no interest in keeping their property as they experience too many problems in maintaining the house under the current conditions. Land occupation is therefore easy and is only increasing the problem. Although realization of an upgrading process won’t be easy and might not be directly successful, it is the only way to counter decay and to transform the area into a valuable part of the Miskolc region again. With less inhabitants a turn around will be easier and would support the strengths of the surroundings and thus the property value. Within the beautiful surroundings a new vibrant and above all balanced society could slowly be created.

eco farm:
These small-scale farms could be located in various locations throughout the whole valley. Although they should be located near to transportation axes, the farms will sometimes be hard to reach during winter time, as they are in the heart of the valley. The program of each farm will be different. The farm could be

by János Gyergyák

Stadslab Master Class Miskolc 2009

Third strategy: Re-imagine
self-sufficient and therefore be located farther away from the road or could be specialized in just some products. It could also be a combination of mini-sized farms with each farm specialized in just a few products, but together with for example 10-15 farmhouses they would complete the whole range of products. Among each other they could trade and together they could sell their products on the market. A possible business-expansion for the farms would be rural shelter, to accommodate and attract visitors who are able to buy local products and stay overnight at the farms. Next to the farmhouses there should be an accommodation for these visitors.

eco park:
The Lyuko valley could be a valuable part of Miskolc in terms of recreational use. The city and the green areas meet on the border of the city. By landscaping with new trees, small lakes, the area becomes a pleasant place for walking, running, a picnic and other recreational activities. Along with a children's playground, some sport facilities the park it could be an attractive part of the city.

eco hostel:
The eco-hostel could serve as a design hostel for youngsters, who like to be in a natural surrounding. The hostel is actually divided into several small design-houses which can be rented for a few days. All cabins, approximately 12-18 m², will have a private garden and will be ecological built. The design of the house is fairly simple, being just a ‘growcrete’ pipe shape with one room and a bathroom. By designing the cabin like this, they merge with the surroundings and become extraordinary elements. This makes them attractive for potential guests. An enterprise, set up by a local from the valley, will run the hostel. As the houses are private, they could be on various locations throughout the valley; however the first development should be a cluster of cabins with some other facilities, like a playground. The cluster should be easily accessible. At a later stage some cabins could be placed on more remote areas.

pick yourself area:
On a large landslide along the road a green area could be created. The area could function as a garden for the whole valley. In this perfect accessible domain people could gather and collect fruit or vegetables. As the area is large, providing enough fruits and vegetables for all people living relatively close to it, it will look like a beautiful part of the valley, especially from the higher situated road next to it. The transformation from slum into beautiful surroundings!

1 As a matter of fact, that according to the municipality of Miskolc. There is too little information to verify this statement, for example scientific information on the geology, or soil soundings. Note that one mining expert proclaimed that in 50 years the area can be stable enough again for housing. By then, the possibility for very local landslides has been reduced to an acceptable minimum.
The normalisation of the relationship with the woonwagenbewoners (caravan dwellers), that is the Romani people who are also known as ‘Travelers’, is not straightforward, as for approximately ninety years, this group of people has been handled separately in Dutch law. The Woonwagenwet (the Dutch Caravan Act) passed in 1918 viewed the Romani people primarily as tramps and beggars. It was only some time after World War II, in 1968, that the Woonwagenwet was amended and thereby, the emphasis was placed on the welfare of the Roma people.

In 1925, the Tilburg City Council issued a bylaw in which it was regulated that the Romani people were not permitted to locate their caravans anywhere in the community with the exception of a site situated between the railway lines of ’s Hertogenbosch and Eindhoven. This was the first official document referring to the presence of the Romani people in Tilburg.

In September 1934, the provision of education to the Romani children was commenced in a small emergency school located in the road called de Bosscheweg. During the war, a bombing ravaged both the camp and the school in de Bosscheweg, whereby another camp needed to be designated after the war. The new camp was designated in 1950 and was located in the road called de Dongenseweg. Often, up to thirty caravans were located at the new camp. At that time, many of the Romani people moved around the countryside to work on the land, or to sell their wares from door to door. The circumstances at the camp were appalling.

At the end of the 1950’s, another regional camp needed to be found and this was finally designated in 1962.

During the 1970’s, policy was changed yet again, whereby every community in The Netherlands was obligated to accommodate the Romani people. Notwithstanding this regulation, in 1977, a new Regionale Woonwagencentrum (Regional Caravan Centre) was put into use. At the same time, the former gemeentelijk woonwagencoördinator (Municipal Caravan Coordinator) made the following statement:

‘During the past fourteen years, it has become apparent that the establishment of large, regional camps, including all of the required amenities such as a school and a clubhouse, is not feasible. Such camps were intended to promote the independance of the Romani people, but conversely, they have indeed hindered their development. These individuals have been positioned even further outside the boundaries of society. The government now wishes to reduce such centres to smaller centres that meet the specific requirements of the regions in question.’

The project to concentrate the Romani people in large, regional centres failed throughout the entire country. For example, competition was intense between small independent car wrecker firms. Many of the Romani people were therefore desperate to return to the smaller centres.

In July 1984, the camp school was closed down and the Romani children were then required to attend the regular ‘state schools’. The schools in question had insisted that they should not be required to accept more than two Romani children per school. In Tilburg, it took until April 1986 before the City Council agreed to designate ten separate locations in the city to the Romani people; a development that the majority of the Romani people in Tilburg were not behind. During the years that followed, tumultuous hearings and briefings were held in various neighbourhoods and districts. Some of the ‘Tilburgers’ found it all too much and either put pen to paper, or joined the Werkgroep Rechtdoen aan Woonwagenbewoners (Work Group for the Rights of the Romani People).

As from the end of the 1980’s, the Romani people in Tilburg have been located in smaller camps. Just a few years ago, a small new camp was established in the location called de Reeshof. Ultimately, the decentralisation has gone quite well and the Romani people have found a place to call home.

Currently in the media, there is little reported of a negative nature regarding the Romani people.

10 Intermezzo
Small camps in Tilburg

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