The aim of the South Kolenkit neighbourhood regeneration project is to accomplish a long-term socially, environmentally and economically feasible community by focusing on:

- Revitalisation of previously developed sites to adapt to current and future residents.

**DESIGN AMBITION**

- Environmental sensitivity
- Social inclusion & diversity
- Mobility & transport
- Identity
- Economy
- Services

**SITE CHARACTERISTICS**

- Native population: 90%
- Immigrant population: 70%

**PAST**

1950
1975
2010
2020

**PRESENT**

**ATMOSPHERE**

OPENNESS & GREEN
CONTRAST BETWEEN OLD & NEW
CONTROL & LACK OF ACCESSIBILITY
LACK OF SOCIAL INTEGRATION & CONNECTIONS
OPENNESS & GREEN BY THE WATER
CONVENIENT ACCESS TO PUBLIC TRANSPORT
CONTROLABLE CAR ACCESSIBILITY

**STRENGTHS**

- Cultural diversity
- Sense of identity
- Environmental sensitivity
- Quality of life

**WEAKNESSES**

- Lack of relation with surroundings
- Lack of spatial integrity & connection
- Control of car accessibility

**OPPORTUNITIES**

- Development of local identity
- Integration of community

**THREATS**

- Economic challenges
- Social unrest
- Environmental degradation

**ASCE**

- Revitalisation of previously developed sites to adapt to current and future residents.

**LOCATION**

- A'dam old city
- Bos en Lommer
- Kolenkitbuurt zuid
- A10
- Bos en Lommerweg
- Einsteinweg
- Erasmusgracht canal
- Burg de Vlugtlaan station
- 15' to Amsterdam centre

**Tutors:** Lidwine Spoormans, Wido Quist, Hielkje Zijlstra, Peter Teeuw
Environment
- Continuous green space providing shelter to local species
- Deciduous trees
- Permeable paving with over 5% drainage space
- On-site composting facilities
- Waste separation facilities

Social Inclusion & diversity
- Urban design creating chances for social encounters
- Public space supporting social and cultural activities

Services
- Public and communal services accessible by all residents

Economy
- Integration of basic retail facilities
- Residents’ involvement in running facilities
- Employment of residents for maintenance of communal and public space and facilities
- Locally produced organic food and compost merchandising

Mobility & Transport
- Pedestrian route
- Cycling route
- Car route
- Bicycle parking facilities
- Limited car parking provision stimulating car sharing services

Social inclusion & diversity
- Urban design maximizing chances for social encounters
- Public space supporting social and cultural activities

Economy
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- Passive solar design for existing buildings minimizing energy needs
- Low energy installations for building heating and cooling
- Ensure proper indoor airflow and quality
- Secure good indoor daylight levels
- Solar energy collection for new dwellings
- Dry construction with re-usable materials for new structures
- Rainwater collection for new dwellings and garden use
- On-site composting facilities and waste separation
- Continuous green space providing shelter to local species
- Deciduous trees
- Permeable paving with over 5% drainage space

Social inclusion & diversity
- Limited car parking provision stimulating car sharing services

Services
- Communal services accessible by all residents.

Economy
- Integration of basic retail facilities

Mobility & Transport
- Communities parking supporting car sharing model

Social inclusion & diversity
- Communities parking supporting car sharing model

Services
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