A strategic proposal for a long-term urban remodelling of post-mining economies and landscapes

Spatial interventions: Community Incubator as a key building of the new long-term masterplan
RECLAIM LABOUR IDENTITY AND CULTURE
to reclaim
to allot
RECLAIM CONSTRUCTION MATERIAL
reuse/recycle/superuse/reclaim
- wooden boards (reclaimed)
- steel I-beams h = 60mm (new)
- steel I-beam h = 100mm (new)
- plywood (reclaimed)
- vapor insulation (new)
- wooden construction - beams 9x15cm (reclaimed) + thermal insulation (new or reclaimed)
- plywood (reclaimed)
- waterproof layer (new)
- wooden laths (new or reclaimed)
- wind insulation layer
- outside wooden boards facade (reclaimed)
- photovoltaic panels (new)
- wooden laths (reclaimed)
- waterproof layer
- plywood
- wooden structure + thermal insulation
- vapor insulation layer
- plywood
- plywood (reclaimed)
- vapor insulation (new)
- wooden construction - beams 9x15cm (reclaimed) + thermal insulation (new or reclaimed)
- plywood (reclaimed)
- waterproof layer (new)
- wooden laths (new or reclaimed)
- wind insulation layer
- outside wooden boards facade (reclaimed)
- photovoltaic panels (new)
- wooden laths (reclaimed)
- waterproof layer
- plywood
- wooden structure + thermal insulation
- vapor insulation layer
- plywood
- polycarbonate panels (new or reclaimed)
- aluminium profiles 40x40mm (new)
- steel I-beam h = 60mm (new)
- metal sheets facade (reclaimed)
- aluminium profiles (new or reclaimed)
- light steel structural C-profiles and thermal insulation (new)
- aluminium C-profiles (new or reclaimed)
- metal sheets internal finishing (reclaimed)
- hummus;
- water control layer;
- gravel;
- water control layer;
- slopped concrete topping
- plywood (reclaimed)
- glulam I-joists h=250mm
- +thermal insulation (new or reclaimed)
- vapor barrier;
- plywood (reclaimed)
- steel I-beams h=450mm (reclaimed)

[Diagram of a building section with various materials and components labeled]
RECLAIM ENERGY
Heat exchanger

Heat pump

Heating and hot water network

Phytoremediation of contaminated soil with metallophyte plants

Bytomka river

Former mining shaft of KWK Szombierki

Electricity network with use of renewable energy sources

Use of renewable energy sources

20°C

5°C

-800m

5°C

40°C

60°C

60°C

19°C

59°C
phytoremiediation

plants

heat pump heat exchanger

phytoremiediation plants

photovoltanic panels from south

double facade

reclaimed materials
RECLAIM LAND
II. 47 – Fragment osiedla finskich domków, w tle elektrownia Szombierki. Foto. z lat 60. XX wieku

II. 38 – Rodzina Andrzeja Frocha przed domem przy obecnej ul. Mierosławskiego. Foto. z 1921 r.
**LEGEND**

- Industrial sites with limited access
- Coal hills
- Wild industrial greenery
- Family allotments
- Parks
- Sport facilities
- Garages
- Housing settlements
- Commerce and services
- Intervention area
LABOUR ALLOTMENTS ACT
9 March 1949

Allotments only for the PEOPLE OF LABOUR as a remuneration for their hard work

- PERPETUAL LEASE from the
  POLISH UNION OF ALLOTMENT GARDENERS

- FUNCTIONS of the allotment complexes:
  leisure
  recreation
  assurance of better social conditions
  integration of multigenerational family
  bringing back community
  natural environment and health protection
  additional source of food

- FORBIDDEN:
  commercial activity
  services
  inhabitancy
NEW LABOUR ALLOTMENTS ACT
4 October 2016

Allotments only for the PEOPLE OF LABOUR as an opportunity to develop their businesses and investments, trigger the economy of the city and bring back the community

- CHEAP LAND RENTAL from the MUNICIPALITY

- new additional FUNCTIONS of the allotment complexes:
  - housing
  - place of work:
    - small and medium scale industry
    - services
    - commerce
    - education
    - urban agriculture

- REQUIRED:
to qualify for a cheap allotment rental, a stakeholder has to register any kind of business activity
RECLAIM THE COMMUNITY