



BACK TO NATURE

Natural areas in urban environment

Dezsényi Péter

CIRCUMSTANCES

BUDAPEST



POTENTIAL

Fantastic location: Danube, hills, 7 creeks,
Buda side forests, rich wildlife

Great GI development management in some
districts

Growing Buildings' vegetation technologies
market (green roofs, green walls)

Active local associations



CHALLENGES

Green is marginal, “under the radar”

Decreasing green mass and biological activity

Continental, semi-arid climate

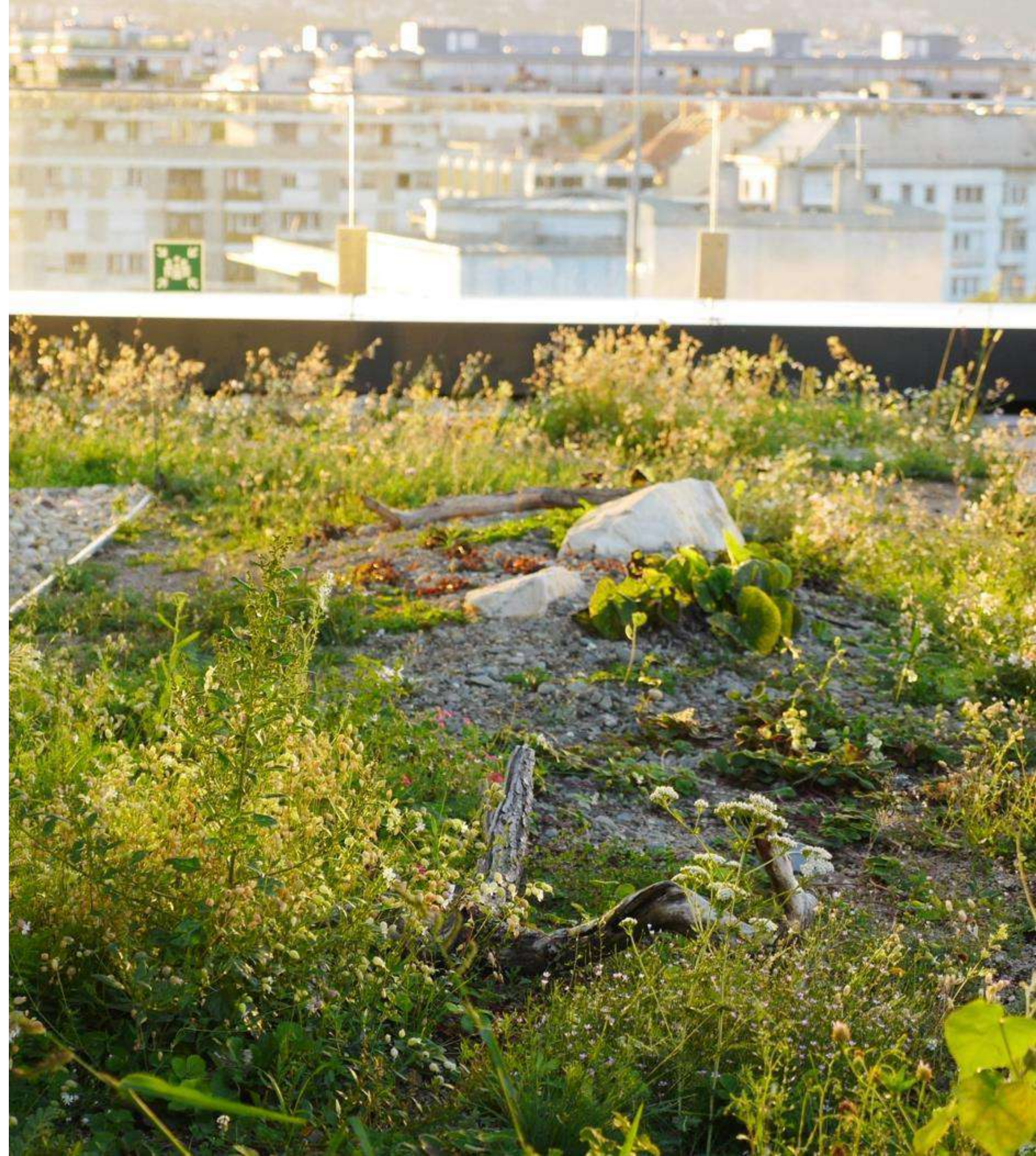
Climate change/Climate anomalies

Weeds and invasives

Communication: expectations vs. reality



WHY BRINGING NATURE IN THE CITY?



Green corridors

Biodiversity

Ecosystem services

Pollinators

Extensive

Sustainable

etc.

RAISING AWARENESS



BIOPHOBIA AND IGNORANCE

VS.

BIOPHILIA AND AWARENESS

SMALL STEPS: PROJECTS AND ACHIEVEMENTS

FŐKERT - PROJECTS AND DEVELOPMENTS

Főkert is the public green management company of Budapest's largest parks

Green City member

Projects with ZHAW:

2013-2014: Budapest Biodiversity Project

2015: Exchange Program for the Adaptation of Sustainable, Ecological Urban Green Areas





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PLANTON





GREEN HOUSE OFFICES, 2012 BUDAPEST

Skanska

Leed Platinum qualified building

Green roofs on 3 levels

1200 m2 biodiverse green roofs















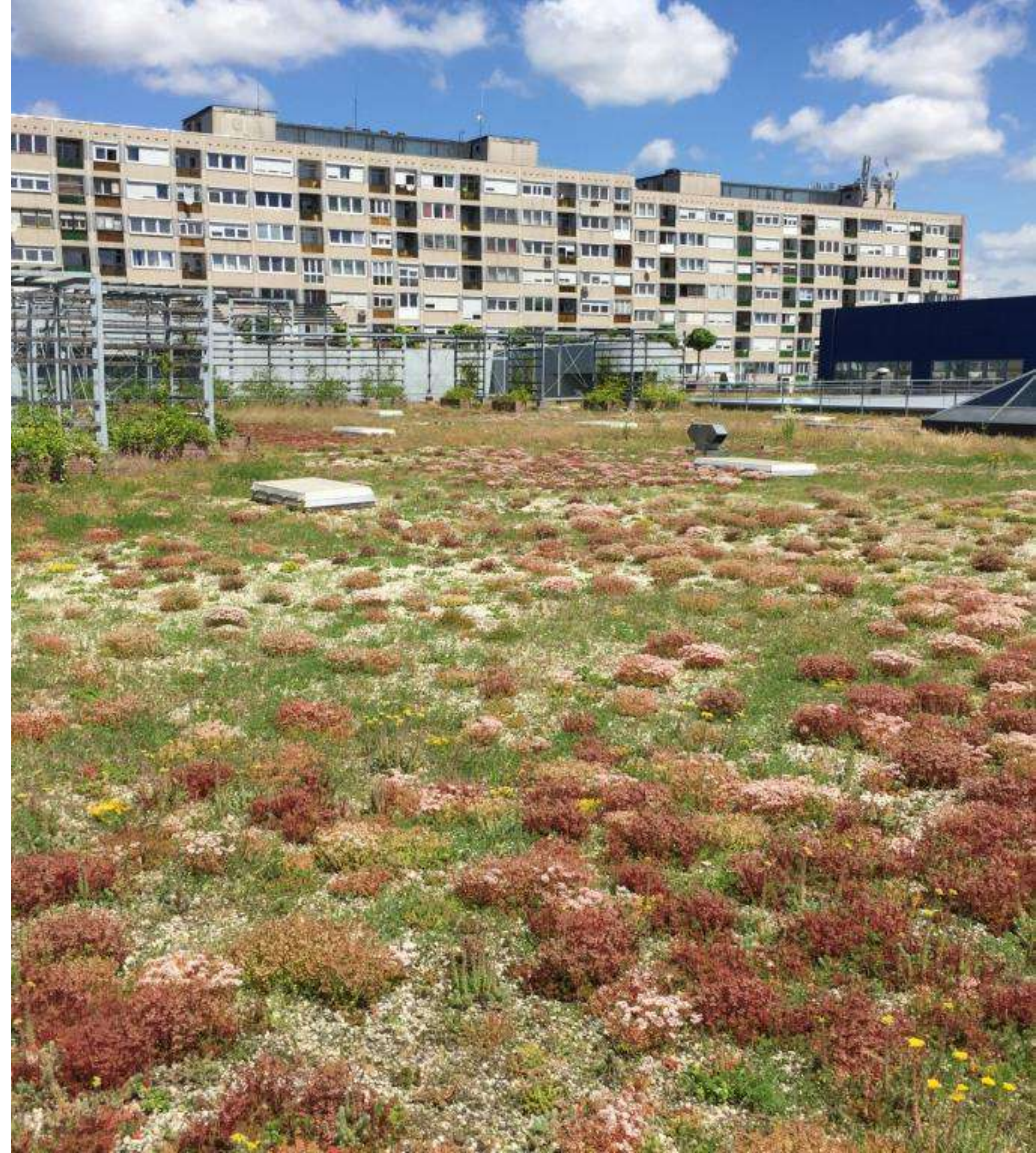
FURNITURE STORE's BIODIVERSE GREEN ROOF, BUDAPEST 2014

Original extensive green roof was built in 2002

Water proofing needed to be fixed: complete restoration in 2014

6500 m²

Number of species identified this year: 120+















SEMINATURAL GREEN WALLS, WIEN 2010,
BUDAPEST 2016

MA 48 Headquarters of the Public Waste
Management Company

System development and plant design: BOKU
(University of Life Sciences, Wien)













HABITAT RESTORATION PROJECT, TOY FACTORY, NYÍREGYHÁZA, 2014

World's largest toy factory

Original plans: 26 ha extensive lawn

Instead: mosaic steppe oak wood habitat

In cooperation with the Ecological Institute of
the Scientific Academy of Hungary



BENEFITS:

Supporting an endangered habitat

Cost effective solution on a long term: ROI expected in 7-8 years

Marketing











Kolencos legyezőfi

0,5 kg





























THANK YOU!

Dezsényi Péter

