



NbS Financing *Pitch & Match*



#3 Urban Green infrastructures for wellbeing

Financing urban NbS for health and recovery
29 April 2026, 09:30 CET

The webinar will be starting soon...



Funded by
the European Union





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#3 Urban Green infrastructures for wellbeing

The economics of nature-based solutions.

Invest4Nature is an EU-funded project that contributes to the creation of a market for nature-based solutions. A group of 15 partners from 11 European countries prepare the grounds for investments in nature-based solutions by evaluating its benefits and economic performance.



#3 Urban Green infrastructures for wellbeing



Wioletta Mlocek

*Municipal Greenery Dept.
Katowice*



Linda Romanovska

Melomys Advisory

Moderator



Lydia Lienhart

Joanneum Research



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#3 Urban Green

infrastructures for wellbeing



Wioletta Mlocek

Senior Officer
Municipal Greenery Dept.
Katowice



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#3 Urban Green

infrastructures for wellbeing



Linda Romanovska

*Founder & Partner
Melomys Advisory*



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#3 Urban Green

infrastructures for wellbeing



*Session
moderator*

Lydia Lienhart

Researcher

Joanneum Research



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NbS Financing **Pitch & Match Series**

#3 Urban Green infrastructures for wellbeing

29 April 2026
Wednesday

09:30 CET
Via Zoom



Green Meeting Space

Nature-Based Solutions in Mental Healthcare

A therapeutic green pavilion integrating Nature-based Solutions into psychiatric care
— connecting health, urban space, and nature into one scalable model



Presenter: **Wioletta Młoczek**
with team: Magdalena Biela, Lech Marek
City Greenery Unit in Katowice, Poland



Dr Marcin Burdzik, Adrian Gancorz
Dr. Krzysztof Czuma Psychiatry Center in Katowice, Poland

In cooperation with



THE PROBLEM

No Therapeutic Space. 1,500–2,000 Patients.



No outdoor therapeutic space



No green infrastructure



No social interaction zone



No air conditioning

1,500–2,000 patients/year

WHY IT MATTERS

The Evidence Is Clear

- 1 in 4 Europeans has a mental health disorder
- Nature reduces anxiety and shortens hospital stays
- Psychiatric facilities rarely use green space — despite the evidence
- Low cost. High impact. Not yet standardized



Katowice Szopienice district — featured in Netflix series 'Lead Children'

Current state: no green space, no therapeutic environment

THE SOLUTION

A Modular Therapeutic Green Pavilion

One structure. Four integrated systems.



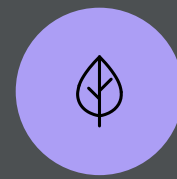
Pavilion + Green Roof

Shade · insulation ·
biodiversity



Rainwater Retention Tank

Sustainable water
management on-site



Native Plant Systems

Low-maintenance therapy
vegetation



Therapeutic Functions

Therapy and social
interaction zones

Modular

Expandable

Relocatable

Ready in ~6 months

HOW IT WORKS

3 Zones. One System.

Zone 1 — Therapy Space

Individual and group sessions

Zone 2 — Social Interaction

Reduces isolation and social phobia

Zone 3 — Green System

Green roof · plants · rainwater tank

Modular

Expandable

Relocatable



CLINICAL & SYSTEM IMPACT

Measurable Outcomes from Day One



~5%

Shorter hospitalization



↓

Less medication



↓

Less staff burnout



↑

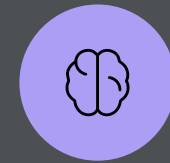
Better social functioning

1,500–2,000 patients/year benefit directly



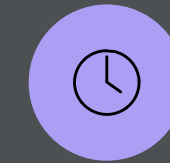
EVIDENCE BASE

Nature Therapy Works The Research Is Clear



Stress Reduction

Nature lowers cortisol.
Proven in clinical
settings.



Faster Recovery

Green space access =
shorter hospital stays.



Less Medication

Reduces
pharmacological
dependency.



Social Reintegration

Outdoor interaction rebuilds social skills.

Referenced in: Horizon 2020 · UPSURGE · JUSTGREEN Interreg Europe



*This project has received funding from the European Union's
Horizon 2020 research and innovation programme under grant
agreement No 101003818.*



VALUE PROPOSITION

Why This Investment Makes Sense

Clinical

~5% shorter
hospitalization ·
less medication

Operational

less staff burnout ·
better working
conditions

Financial

lower cost per
patient · shorter
treatment cycles

ESG

measurable data ·
auditable for CSR
reporting

€30,000 Measurable impact. Health + operations + environment

SCALABILITY

4–10 Facilities. Same Model. Every Site.

Katowice

Korczaka 27 · ★ Pilot
site

Katowice

Korczaka 2

Skoczów

Katowicka 21

Pałac Kamieniec

Kamieniec, Silesian
Voivodeship

Geriatric Hospital

Morawa 31, Katowice

Psychiatric hospitals · Addiction treatment units

Standardized · Repeatable · One pilot unlocks the full pipeline

LEGAL & OWNERSHIP

No Land Risk. Approved. Ready.

Land Owner

Silesian Voivodeship



Operator

Dr. Krzysztof Czuma
Psychiatry Center, Katowice

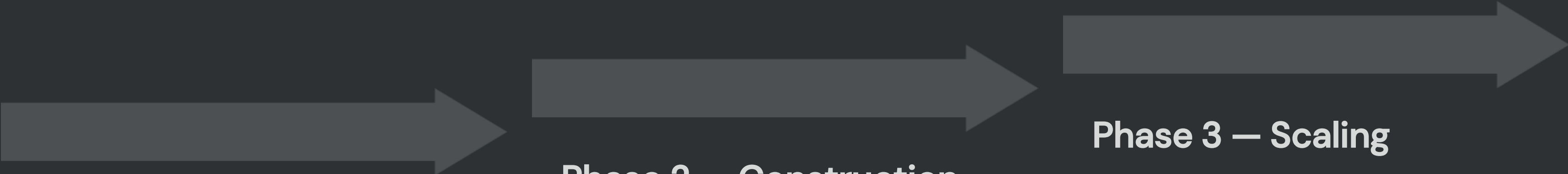


Approval

✓ Approved. No permitting risk.

Zero land risk for the investor.

3 Phases. 6 Months. €30,000.



Phase 1 — Concept

€5,000 · Design & planning

Phase 2 — Construction

€20,000 · Build + green systems

Phase 3 — Scaling

€5,000 · Replication & comms

€30,000

Total investment

Total · one-time

6 months

Implementation time

To delivery

CAPEX & OPEX

Investment at a Glance

€30,000

Total investment

One-time

€15,000

Per module

Each new site

€2,000

Green maintenance

Per year

€500

Infrastructure service

Per year

All operating costs covered by the hospital. Zero ongoing cost for the investor.

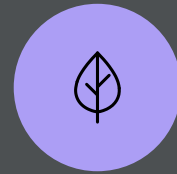
MEASUREMENT — KPIS

Every Outcome Is Tracked



Health KPIs

Hospitalization duration · Return to work · Medication use



Environmental KPIs

Rainwater retention · Biodiversity · Temperature



Financial KPIs

Cost per patient · Medication spend · Staff absence

Reported · Benchmarkable · ESG-ready.



FUNDING ASK

We Need One Partner to Start

€30,000

One-time · Equity-free · No debt

What We Need

€30,000 · Direct implementation or co-financing

What You Get

ESG data · Co-branding · First-mover position

Not Looking For

No loans. No debt. Partner only.

Pilot ready. Location secured. Team in place.

NEXT STEPS

Let's Build This Together



Site secured

Katowice · ready now



6 months

From funding to delivery



Meet us

Site visit or co-implementation

CONTACT

Dr Marcin Burdzik — Psychiatry Center, Katowice

Magdalena Biela City Greenery Unit, Katowice

€30,000. One pavilion. Up to 10 facilities.





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Discussion



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Thank you for your attention!

Learn more about our projects:



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