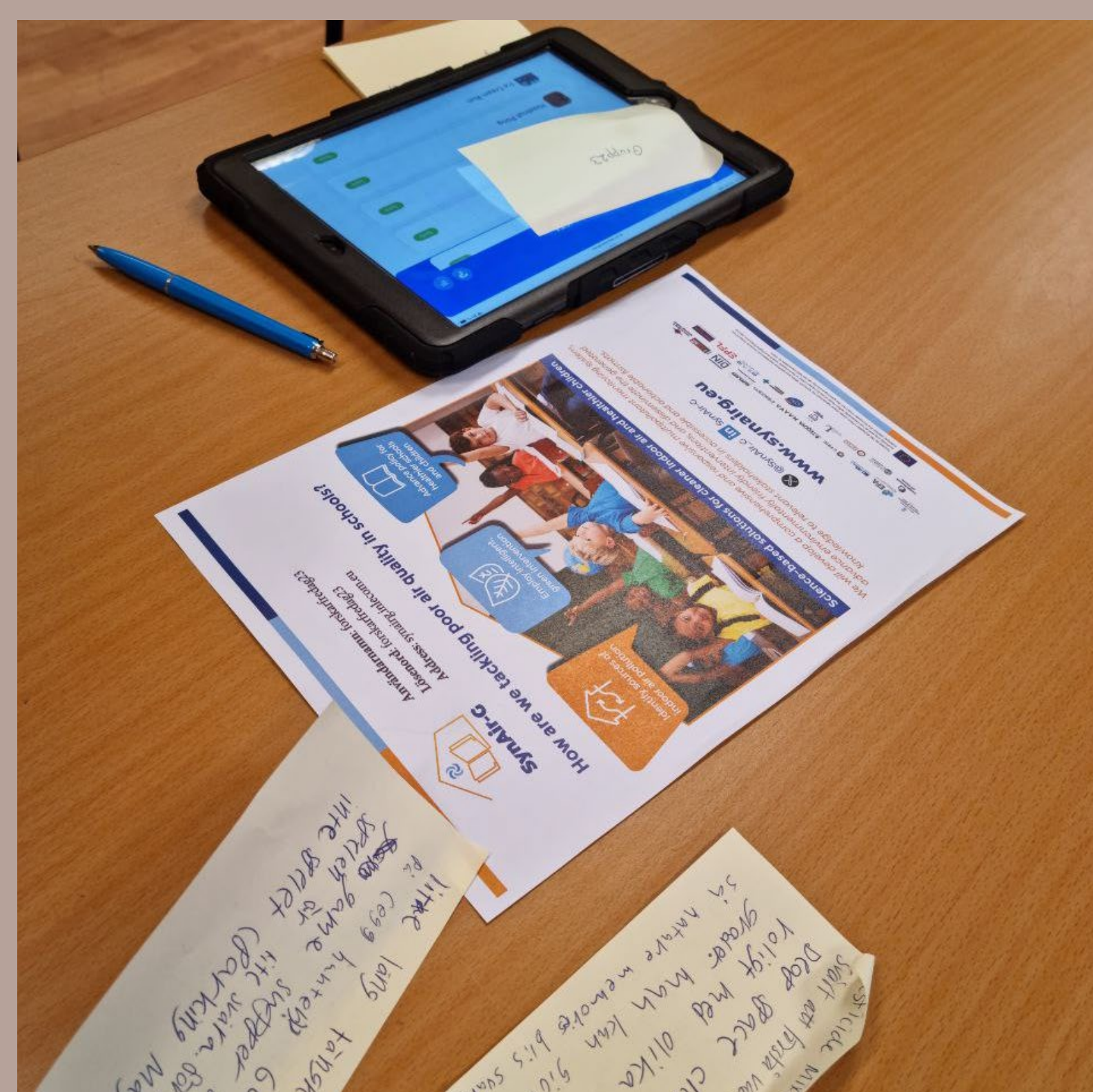




Disrupting Noxious Synergies of Indoor Air Pollutants and their Impact in Childhood Health and Wellbeing using Advanced Intelligent Multi-sensing and Green Interventions

Stakeholder Engagement and Real-Life Experimentation Drive Information Systems Development

- Stakeholder engagement influenced system requirements.
- Field testing revealed usability and workflow issues.
- Iterative experimentation guided design evolution.
- Governance and coordination mechanisms emerged through use.



User-Driven Information Systems Development in Living Lab Contexts: Evidence from the SynAir-G Case

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RESEARCH QUESTION

How do stakeholder engagement and real-life experimentation shape Information Systems Development in Living Lab contexts?

METHOD

- Documents
- Test logs
- Stakeholder feedback
- Field testing

KEY RESULTS

- ✓ Children shaped usability and engagement features
- ✓ Teachers influenced operational requirements
- ✓ Coordinators shaped monitoring and administration
- ✓ Feedback translated directly into design decisions

CONTRIBUTION

Stakeholder engagement and real-life experimentation function as mechanisms through which requirements, design decisions, governance arrangements, and system features evolve during Information Systems Development.

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