

Cover

*Poster: Advancing Demand-Driven Innovation (DDI) Adoption in Paediatrics
Through the Theory of Change: Insights from the ADD4kids Project Working Groups*

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ABSTRACT	Abstract not available

Advancing Demand-Driven Innovation (DDI) Adoption in Paediatrics Through the Theory of Change: Insights from the ADD4kids Project Working Groups

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1. Background

DEMAND-DRIVEN INNOVATION (DDI) CHALLENGES

- Limited Stakeholder Awareness.
- Regulatory Complexities.
- Resource Constraints.
- Organizational Resistance to Change.

PAEDIATRIC INNOVATION CHALLENGES

- Misalignment with Clinical Needs.
- Restricted Market Size.
- Enhanced Regulatory & Evidence Demands.
- Technological Adaptation Challenges.

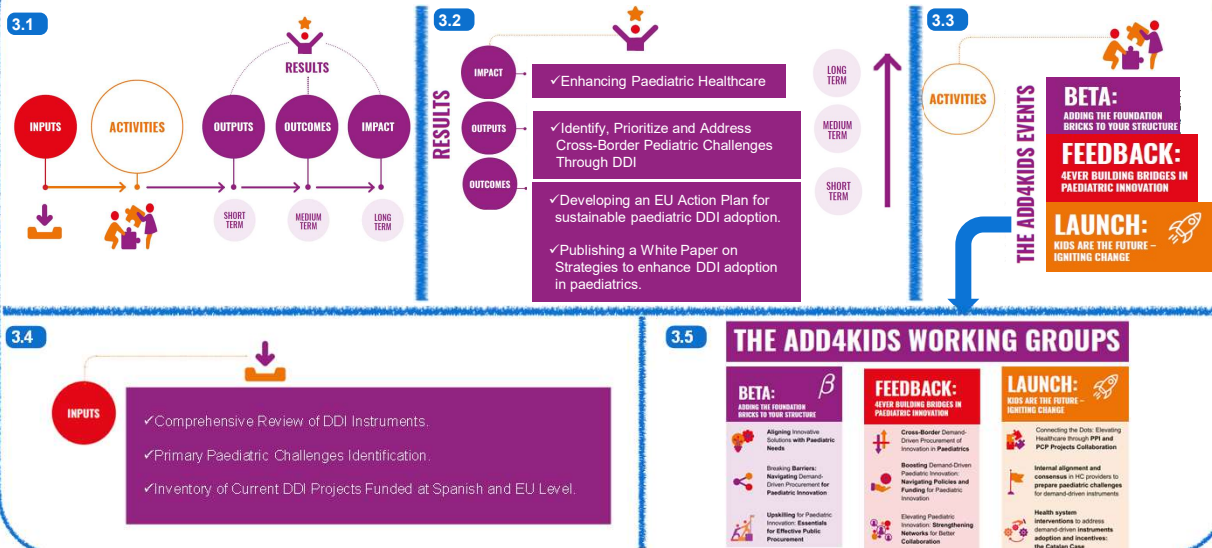
PAEDIATRIC DDI CHALLENGES

- Fragmented Stakeholder Engagement.
- Enhanced Regulatory & Reimbursement Challenges.
- Limited Specialized Resources.
- Competition with All-Ages Projects.

2. Aim

- To develop a theoretical framework to mainstream adoption of Demand-Driven Innovation (DDI) instruments in paediatrics.

3. Methods



4. Results

1 GOVERNANCE AND POLICY ALIGNMENT

Challenges

- Lack of coordination across paediatric innovation networks, leading to redundancy and inefficiencies.

Proposed Solutions

- Develop a centralized EU Paediatric Procurement Governance Hub to coordinate efforts and ensure alignment.

2 FUNDING AND SUSTAINABILITY

Challenges

- High dependency on short-term EU funding programs limits sustainability and scalability.
- Limited engagement from

Proposed Solutions

- Implement long-term public-private funding strategies, including social impact bonds and pooled hospital funding models.

3 DATA AND DIGITAL HEALTH INTEGRATION

Challenges

- Fragmented pediatric health data systems hinder evidence-based decision-making.

Proposed Solutions

- Establish European-wide standardized pediatric health data repositories to enable better evidence-based procurement.

4 PROCUREMENT AND MARKET ENGAGEMENT

Challenges

- Small pediatric market size discourages industry investment in innovative

Proposed Solutions

- Develop joint procurement alliances across multiple EU regions to consolidate demand and incentivize suppliers.

5 CLINICAL AND PATIENT-CENTRED INNOVATION

Challenges

- Limited clinician participation in innovation and procurement processes.

Proposed Solutions

- Institutionalize "Innovation Time" for clinicians, allowing them to actively engage in procurement and innovation without workload penalties.

5. Conclusions

- Centralized governance, long-term funding models, robust solutions, streamlined procurement practices, and a culture of clinical and patient-centred innovation emerged as key pillars.



REFERENCE: Agency for Health Quality and Assessment of Catalonia (AQuAS), 2025. *Fostering collaboration for paediatric demand-driven innovation: Insights and strategies from the ADD4KIDS working groups.*

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