



- 1 Human-Level AI for Digital Customer Experience**
Design the next generation of assistants that listen, feel, and solve before you ask.
- 2 AI Driven Services - For Orange and our Customers**
Build applications that transform operations, cities, and daily lives.
- 3 Reimagining Shopping with Tech-Enhanced Retail Journeys**
Smart, seamless, sensory - design the future store experience.
- 4 Create Home Services That Families Will Love**
From Wi-Fi to digital wellbeing - invent what's next in everyday life.
- 5 Design an Effective Model for Creating Disruptive Innovations**
Design tools, models, and fast testbeds to accelerate real change.
- 6 Teach Machines to See the World Better**
Develop vision algorithms that support cities, factories and beyond.
- 7 Develop Solutions for Cyber Defense and Resilient Services**
Support digital transformation with sovereign technology.

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1 Shaping Youth Media Habits through Science-Based Engagement Models

Co-develop solutions to engage young audiences with verified content across RASP's platforms.

2 Real-Time User Feedback for Media Innovation Testing

Create methods that instantly track audience reaction to new digital features and formats.

3 Smart Add-On Services Beyond Journalism

Co-design and scale daily-use services that improve life - powered by RASP's media reach.

4 Big Data, Bigger Questions: Unlocking Media Behavior Insights

Use one of the largest behavior data sets in Poland to explore new scientific frontiers.

5 Designing Deeper Journalist-Audience Interactions

Invent tools that help journalists build deeper bonds with readers and co-create more impactful reporting.



- 1 Ashes Reimagined: Building Materials for a Post-Carbon Era**
Co-develop safe, scalable and eco-efficient solutions to transform industrial ashes into high-performance components for roads and construction.
- 2 Harvesting Hidden Heat: From Rivers, Industrial Processes, Data Centers and Sewers to Urban Energy**
Co-develop scalable, low-emission systems to recover ambient and wastewater heat and integrate it into local district heating networks.
- 3 Smart Water Systems: Detect Leaks and Predict Risks with AI**
Co-develop intelligent platforms that monitor, analyze and forecast water quality and network anomalies in real time.
- 4 Wastewater Residues Reinvented: Fertilizers for a Circular Future**
Develop scalable, safe and resource-efficient technologies to transform sewage sludge into agricultural nutrients or renewable energy.
- 5 Boosting Efficiency: Smarter Energy for Industrial Processes**
Co-develop robust, energy-saving solutions to augment the energy efficiency of technological processes, thereby minimizing environmental impact and maximizing productivity.

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1 Rethink Electronics for a Sustainable Future

Design the next generation of recyclable PCB materials to power long-lasting, eco-friendly electronics.

2 Grow the Grid - With Bio-Based Insulation for Electrification

Redesign insulation for the energy future using sustainable, bio-derived materials that don't compete with food or farmland.

3 Print Stronger, Smarter - High-Performance Resins for Electrification

Reinvent additive manufacturing with UV-cured resins built for thermal, mechanical, and electrical excellence.

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1 Innovating Recycling for Next-Gen Wood-Based Boards

Turn production waste and new non-wood recyclables into high-quality raw materials.

2 Bio-Based Resins for Greener Board Production

Develop low-emission, cost-effective binders using lignin, tannins and other natural materials.

3 Capturing CO₂ and Converting It into Bio-Methanol On Site

Adjust carbon capture tech to Kronospan's production lines and explore added-value reuse.

4 AI Models for Smarter Energy Use in Board Manufacturing

Design predictive systems to monitor, plan and reduce energy consumption at the plant level.

5 Beyond Furniture: Expanding the Use Possibilities of Wood-Based Boards

Co-develop functional applications for existing panel products in new sectors.

6 Next-Gen Panel Surfaces: From Antibacterial to Self-Cleaning

Engineer smart coatings and textures that add value, hygiene and natural aesthetics.

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1 Boosting Clinical Trial Access with Real-World Patient Data

Co-develop smart tools to connect eligible patients with trials through data-driven site selection and inclusive recruitment strategies.

2 Designing Synthetic Control Arms for Faster, Smarter Trials

Use real-world evidence to build virtual comparators that reduce patient burden and accelerate clinical research.

3 AI Innovation for Smarter Workflows in HR, Finance and Support Functions

Co-create internal solutions that reduce routine workload, enhance team efficiency and support better decision-making.

4 Intelligent Automation for Resilient and Self-Monitoring Manufacturing

Design AI-driven quality control systems that reduce manual checks and waste in critical production scenarios.



1 True Cost of Disease: Building Robust Societal Cost Models

Co-develop trusted models to quantify the full cost of disease, including social and economic burden.

2 Health Data Access that Unlocks Medical Innovation

Design an effective, trusted model for sharing clinical data to spark medical innovation from Poland.

3 Enable Home Care with Remote Patient Monitoring Solutions

Engineer tools to monitor patients in home settings to allow physicians to treat them effectively and conveniently.

4 Decision-Support Algorithms with Therapeutic Intelligence

Create tools that aid doctors in real time while opening new, evidence-based therapeutic pathways.



- 1 Augmented Imaging: Faster, Smarter Diagnoses by Design**
Develop AI-powered systems to support radiology workflows by generating accurate, readable image reports for clinical validation.
- 2 Always On: Seamless Remote Monitoring for Everyday Health**
Co-develop integrated RPM solutions that collect, interpret, and act on data from wearables to support chronic care - anytime, anywhere.
- 3 Smart Care Capacity: Predict, Plan and Provide Without Gaps**
Design ML-driven models to optimize medical staffing based on patient demand forecasts, medical trends and real-world conditions.
- 4 Less Clicks, More Care: Smarter Workflows for Smarter Decisions**
Co-create tools that summarize patient history, collect pre-visit inputs and reduce admin load - so doctors focus on healing, not hunting data.
- 5 Occupational Medicine Reimagined: From Paperwork to Predictive Protection**
Design smart, fully digital workflows for employer-funded medical exams to replace redundant paperwork with early risk detection and workplace health insights.
- 6 Predict, Prevent, Notify: School Medicine as a National Early-Warning System**
Turn routine child health checkups into predictive models of future disease burden, enabling early state intervention and automatic alerts for parents through integrated digital channels.

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