

Implications for key stakeholders

Translating key insights into actionable recommendations

Designers & Developers

Trust by design

- Adaptive explainability for context and mental models
- Context-specific design; not one-size-fits-all
- Human safety net in early adoption phases (human in the loop)
- Respect the “AI as tool” perception
- Persona-based personalisation via psychological traits
- Acknowledge “carry-over” of general AI attitudes (e.g. GAAIS)
- Bridge the trust–use intention gap by design

Policymakers & Regulators

Domain-specific governance

- Regulate by domain and risk level, not by technology
- Demand actionable, context-adapted transparency
- Legislate human oversight with accountability protocols
- Promote inclusive access to combat digital divide
- Include trust as a policy approval metric

Educational institutions

AI literacy and critical thinking

- Integrate AI literacy across levels of education and disciplines
- Anchor “AI as tool” model and combat misconceptions
- Foster balanced, critical AI perspectives
- Train domain experts for responsible AI use
- Embed participatory design in higher education

Ethics committees

Trust as ethical pillar

- Diverse representation on ethics committees
- Context-sensitive, rather than universal AI ethics
- Balance innovation promotion and risk mitigation
- Anchor AI in human responsibility and control
- Trust as an explicit ethical principle

Citizen Science

Inclusive co-design

- Bridge lay–expert mental model gap
- Build literacy through hands-on participation
- Empower citizens to define oversight models
- Include diverse groups

Science Communication

Evidence-based engagement

- Address duality equally: concerns alongside opportunities
- Define human-in-the-loop concretely for stakeholders
- Foster context awareness in all communications
- Ground trust-building in reliable, actionable information

Unifying Themes Across Stakeholders

- **Context** — acceptance is domain-specific, not universal
- **Trust** — central pillar mediating key acceptance factors
- **General dispositions** — GAAIS and ATI persist across contexts
- **Human oversight** — critical yet paradoxical safety net
- **Personality over demographics** — traits as stable predictors
- **Perception duality** — optimism coexists with well-defined concerns