Digital Island Stewardship Education (DISE)

Hawaii faces unprecedented tourism pressures threatening its natural beauty and cultural heritage. DISE harnesses AI to transform visitor education and promote sustainable tourism practices across the islands.

by Dean

Hawaii's Tourism Challenge

10M
Annual Visitors

Overwhelming the islands' capacity

1.4M
Local Residents

Outnumbered 7 to 1 by tourists

67%
Residents Concerned

Feel islands prioritize tourists over locals

Mass tourism creates environmental strain, cultural friction, and safety challenges. Fragile ecosystems suffer while local communities lose access to cultural resources.

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Environmental and Cultural Strains

🗑 **Pollution Crisis**

Plastic waste and coral reef damage from visitor activities

$ **Funding Gap**

$560M+ needed for conservation efforts statewide

🌡 **Climate Impact**

Visitor volume accelerates climate change effects

👤 **Cultural Loss**

Wildlife harassment and disrespect for sacred sites

Vision: Digital Island Stewardship Education (DISE)
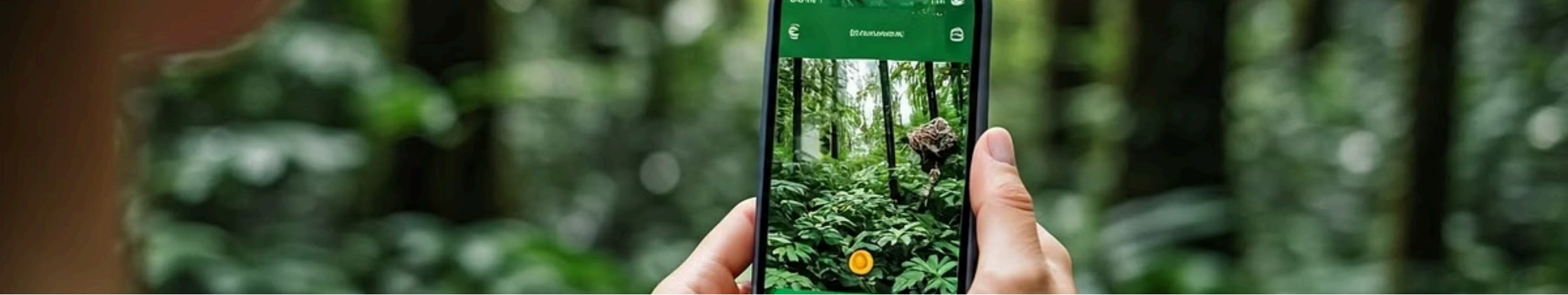
AI-Powered Platform

Interactive, multilingual digital education system. Real-time content adaptation based on location and conditions.

Cultural Integration

Native Hawaiian perspectives embedded throughout. Respectful presentation of sacred sites and traditions.

Sustainable Behavior

Promotes responsible tourism practices. Protects natural sites through visitor education.

AI-Driven Visitor Education and Safety

Real-Time Alerts

Ecological conditions and safety hazards notifications
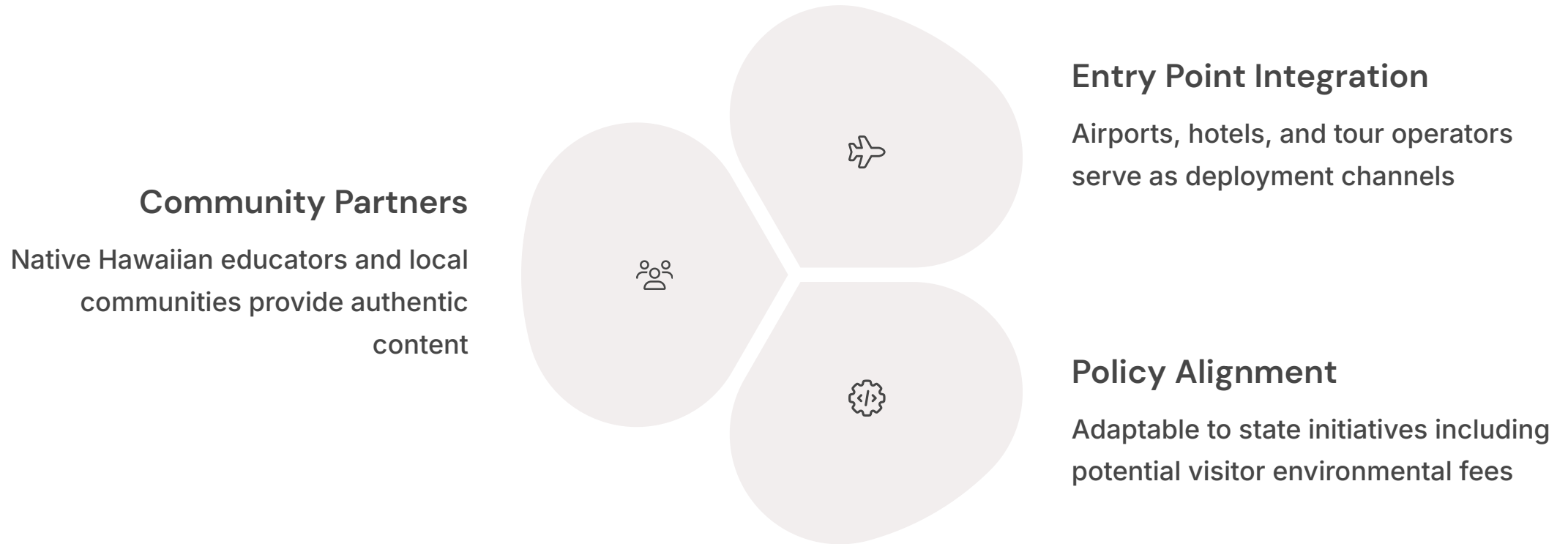
Location-Aware Content

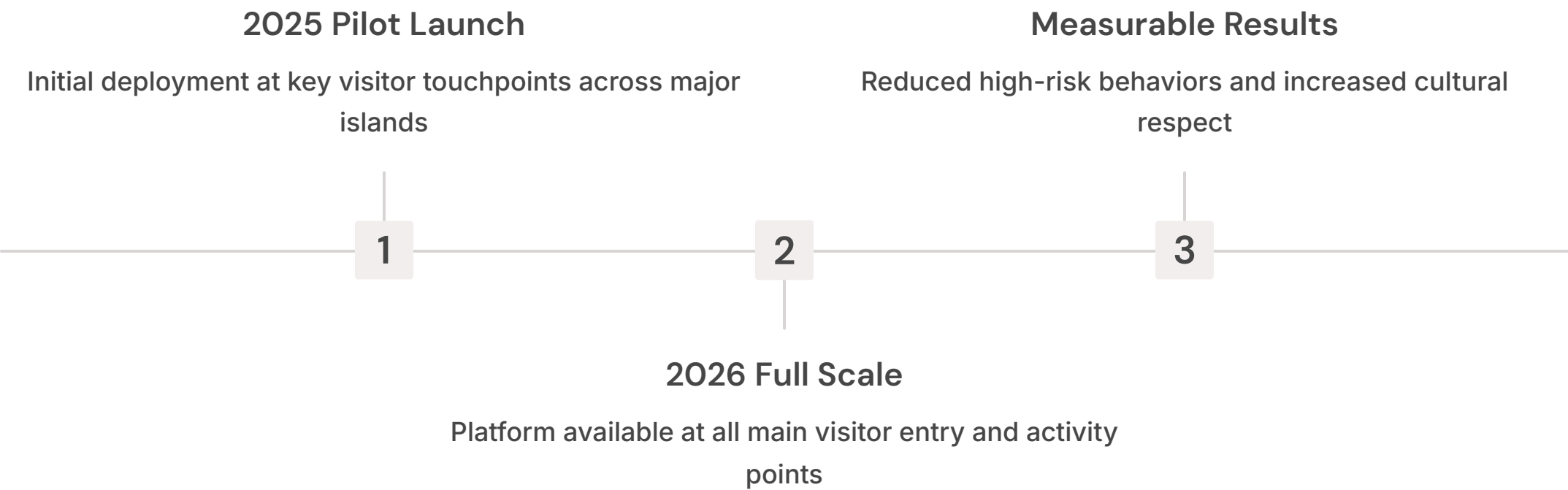Dynamic information about endangered species and cultural protocols

Gamified Learning

Interactive modules incentivize responsible stewardship behaviors

Collaborating for Culture and Ecosystems

Community Partners

Native Hawaiian educators and local communities provide authentic content

Entry Point Integration

Airports, hotels, and tour operators serve as deployment channels

Policy Alignment

Adaptable to state initiatives including potential visitor environmental fees

Project Deployment and Expected Impact

2025 Pilot Launch

Initial deployment at key visitor touchpoints across major islands

Measurable Results

Reduced high-risk behaviors and increased cultural respect

1   **2**   **3**

2026 Full Scale

Platform available at all main visitor entry and activity points

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Conclusion & Call to Action

Transform Tourism

DISE leverages AI for responsible, meaningful visitor experiences

Protect Heritage

Safeguards Hawaii's environmental and cultural future for generations

Join the Mission

Support pilot programs and stakeholder engagement initiatives

Together, we can create a sustainable tourism model that honors Hawaii's natural beauty and cultural heritage.

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Experience AI-powered responsible and meaningful visits.

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Support pilot programs and engage with local stakeholders.