Civic Module

What if public spaces could shift with people's needs, just like seasons shift with time?

In a world where citizens face constantly evolving challenges, communities require adaptive infrastructure that can respond quickly. Through continuous dialogue between residents and the local government, dedicated wellbeing budgets fund co-created services that transform as new issues emerge, ensuring public spaces evolve in response to community needs.

The Civic Module program, through participatory design workshops, involved regional authorities, sustainability experts, and residents co-creating each unit. These modular structures use biomimetic folding technologies and sustainable materials, allowing them to reconfigure from individual wellness pods into community gardens, children's learning spaces, or collaborative civic forums.

The modules feature smart-material walls that can expand or compress, modular seating that can be transformed as needed, and integrated systems for air purification, renewable energy, and rainwater collection. Citizens participate in quarterly "reshape votes" using the module's interface, deciding the next configuration based on seasonal needs and community priorities

Everyday Situation

Joseph stood outside the tram depot, rubbing his shoulder after a tense morning shift. The February cold and short daylight hours had affected his mood for weeks.

The community module ahead glowed softly in its winter configuration, individual light therapy pods designed to help residents combat seasonal depression. A display showed: "Spring reshape vote opens March 1st. What should we become next?"

Joseph stepped into a private pod. The soundproof space immediately brought relief from city noise. The therapeutic lighting system activated and the interface asked, "Need light therapy for winter wellness?" He nodded. Warm, full-spectrum light surrounded him while a guided breathing session began. Joseph felt his mood lifting and his shoulder tension easing.

A health scan started automatically, checking wellness markers. "Your wellness is improving," the system reported. "Continue daily light sessions through February."

As the session ended, the interface prompted: "Help shape our spring transformation. What does the community need most: civic discussion space for upcoming budget meetings, or children's outdoor learning area?"

Joseph considered both. With local budget decisions approaching, Joseph felt that the community would need a space to discuss important issues like transit funding. He voted for the civic discussion configuration.

"Thanks. Community voting closes February 28th. Results announced March 1st for spring reconfiguration."

Back in the winter afternoon, Joseph felt noticeably brighter. His phone buzzed with a wellness summary and a reminder to return tomorrow for his next light therapy session.

Municipal Digiboard

What if local democracy began with a simple post, rather than complex procedures?

In a world where citizens shape their communities through collaborative public service creation and local decision-making, residents feel empowered to influence policies and contribute to neighbourhood well-being.

People use the Municipal Digiboard, an open online platform on public smart surfaces and personal devices, to share ideas, report issues, make requests, track progress, vote on projects, and collaborate with officials.

Local authorities monitor the platform and respond to community requests. AI supports both sides by analysing data, prioritising issues, optimising solutions, and managing resources to meet community needs and support a circular economy.

Everyday Situation

Kai and his friends had been meeting in parking garages for weeks, constantly on the move to avoid security. Three days ago, Kai posted on the Municipal Digiboard: "Seven young adults need a regular evening meeting space after 6 PM and are willing to contribute to the community."

Walking past a city smart board, Jonas suggested checking for responses. "Probably nothing," he muttered, tapping the Municipal Digiboard tab. Their post showed a notification: "1 New Response."

DEMOS AI, the platform manager and processes facilitator, responded: "Hello, Kai! The Neighbourhood Community House has available rooms but requires community contributions. Would your group run technology workshops for elderly residents? Many neighbours need help with smart home devices. In exchange, access our garden, meeting rooms, study spaces, and cafe."

The response included facility photos and twelve elderly residents who had voted for tech support.

"An actual solution?" Jonas said, surprised.

At the Neighbourhood House, the wall smart screen displayed DEMOS' avatar: "Welcome! Let me show what we can offer." Meeting rooms, seating areas, and workshop spaces appeared. Additionally, the wall displayed recent updates from the Digiboard, including residents offering garden space, requesting bicycle repairs, and sharing updates on housing developments.

Two weeks later, Kai updated their issue progress: "Tech workshops launched - 12 elderly residents helped, more to go! Evening access granted."

At the bottom corner of the screen, an icon appeared: Powered by the Inter-Municipal Platform for Democratic Technologies. Below it was a link labelled: View known limitations and audit history.

GovGuide

What if access to democracy began with clarity, not complexity?

In a world where democratic systems have become increasingly complex and digitized, citizens often feel overwhelmed by bureaucratic language and fragmented platforms.

People rely on GovGuide, an official AI-powered chatbot launched under the supervision of the Digital Accessibility Office.

GovGuide helps people navigate bureaucracy, understand their rights during life events, and handle policy changes, documents, and routine tasks. It supports people through events like job loss, divorce, childbirth, or illness by identifying rights and guiding them through forms. It explains elections, debates, and party promises in plain language, tracks fulfilled and unmet promises, speaks multiple languages, and integrates with common communication tools..

Everyday Situation

Marie sat in her kitchen, scrolling through emails after spending an exhausting hour putting her youngest daughter down for a nap. Her eyes paused on a message from the social insurance service, notifying her that her maternity leave would end soon. Marie sighed, already dreading how much energy it would take to understand what to do next. Complex forms and technology had always been difficult for her. Also Marie still struggled with the language, being a first-generation immigrant.

She pushed her chair back and launched the chatbot directly from the email. The GovGuide window opened with a message:

"Marie, your maternity leave is scheduled to end in 30 days. Would you like to review your next available steps?"

She switched to voice mode, stood up, and poured herself a glass of water.

"Yes, please."

GovGuide summarized her benefit status and outlined her options, including applying for extended parental leave, returning to work part-time, registering for childcare, or checking kindergarten availability. It also listed the documents she would need, upcoming deadlines, and estimated processing times.

For now, Marie chose extended leave. The voice asked:

"Would you like GovGuide to submit your application?"

She replied, "Yes, submit it," and let GovGuide handle the application while she took a moment to catch her breath.

Before closing the screen, a message caught her eye:

"Want to improve GovGuide? Join next month's Civic Review Board. Open to residents."

GreenTechBus

What if on-the-spot support could facilitate dialogue between disconnected governments and self-organising communities?

Everyday Situation

In a world where inefficient policies and poor communication have led citizens to feel that governments serve only narrow interests, making their lives more difficult, communities have started organising themselves into self-sufficient networks. They share resources and provide mutual aid through communal portals and local data systems.

The GreenTechBus is a governmental initiative aimed at facilitating democratic dialogue by delivering solutions directly to communities that have learned to rely on themselves.

The GreenTechBus is a mobile, self-sufficient triple-decker that serves as a house, lab, and showcase station. It features solar panels, wind turbines, green tech, and indoor gardens, demonstrating sustainable living on the move. Each bus is operated by the multidisciplinary Govgreen team, a government-supported group of technicians, environmental experts, and community engagement coordinators who provide on-site support, consultations, and education tailored to local needs. The team gathers local data, offers AI-driven sustainability advice, and connects residents with eco-solutions, funding, and global best practices.

Veronica, a 66-year-old community leader, stood in her garden as the GreenTechBus arrived at the community centre. Her grandsons loved its past exhibitions, especially the Water Purification showcase last month. But this time, she had her own question.

"Finally," she said. She had been waiting since the municipal notice announced the bus's upgraded soil lab.

Inside, technician Carlos guided her to the lab.

"We'll run a full soil analysis," he said, scanning her samples.

"Our composting is fine," she explained, "but the west plots aren't regenerating."

The screen displayed a regional soil map, an AI-generated recovery plan, and a breakdown of support options by type and eligibility. A customisation panel followed.

Carlos reviewed the plan, asked Veronica a few questions, adjusted the proposal, and confirmed the changes with her.

"Here's your three-step recovery plan," he said, printing it. "If you'd like, I can show how similar cases were handled in other regions."

He added, "We don't have all the ingredients here, but the Northern Hub does. Let me help you apply through the regional network."

The six-month timeline finally felt within reach. The application was submitted, and she received the initial infusion pack.

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Civic Wallet

What if democratic participation were rewarded like work, not treated like a duty?

In a world where public trust in institutions is low and participation feels unrewarding, people are still willing to engage if their efforts are acknowledged.

Civic Wallet is a state-supported digital platform that rewards civic engagement with Civic Tokens (CTs). People earn CTs through formal democratic actions like voting or citizen assemblies, and informal acts like helping neighbors or organizing community events.

CTs could be used for benefits like flexible work hours, public services, transport, or a paid day off, and can also be gifted or donated.
Each resident starts with 100 CTs. Public servants and policymakers must participate equally through listening sessions, meetings, or volunteering. The state also supports companies that promote Civic Wallet participation

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Everyday Situation

Dina tapped her tablet as the bus braked to let a cyclist pass.
"Ten tokens," she said aloud, smiling.
Alex looked up from his seat. "What did you do this time?"
"Community meeting," she replied. "South side of the district, near the unfinished bike lane. We organized a walk audit with local residents. People pointed out dangerous spots, and I documented everything. I uploaded the footage this morning. Next time, I'm planning a meeting with the official responsible for that lane. They promised to finish it ages ago!"
Alex raised his eyebrows. "Really? You organized that?"
He had only used Civic Wallet once, when it first launched, to help design a poster for the neighborhood resource exchange.
"Yeah. It was verified within a couple of hours. I also added location notes to the city map through the app. Cyclists marked accident zones."
"Wow," Alex said.
"I used some CTs to leave work early this Friday. My son has a school concert. The rest I donated to a local shelter that helps people without stable housing."
"They accept tokens now?"
"They do. They joined the platform last month."
Alex nodded slowly. "That's actually... kind of awesome."
Dina smiled. "You know you can start your own project too, right? Or just join one that's already running, like before. You should check it again."
Alex gave a small nod, half to Dina and half to himself.

Democracy Welcome Kit

What if becoming a citizen felt like receiving the most important invitation of your life?

In a world where civic participation is part of everyday life, children learn democratic principles early through school activities and community projects. The real milestone comes when they receive their Democracy Welcome Kit—a beautiful acknowledgement that their voice matters.

The kit arrives as an elegant box containing an accessible guide (available in multiple formats, languages, large print, and braille) and a foldable device with secure biometric activation. The device provides access to consultations, decision-making, and online voting, with results published in a transparency log. The guide explains civil rights in approachable language, mapping democratic participation from immediate opportunities to future possibilities. Recipients learn what they can participate in now, and what awaits them later.

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Everyday Situation

Antonio sat outside the citizenship ceremony, holding his Democracy Welcome Kit. The box was heavier than he had expected—solid, reassuring. He opened it carefully, running his fingers over the smooth materials inside.

The guide read, "Welcome to Participatory Democracy, Antonio." He flipped through pages explaining his immediate opportunities, including youth councils, neighbourhood consultations, and environmental initiatives.

A timeline showed future possibilities, including voting at 18 and serving on a public jury at 21 years old. It felt like a roadmap, not barriers.

Then he unfolded the sleek device. A holographic menu appeared above his palm, displaying current consultations with real-time updates. "Your region: Participatory Budget. Closes Sunday at 23:59. Registered 1,642 resident inputs."

The options hovered before him: upgraded sports facilities, weather-resistant bus stops, or renovating the elderly centre. His grandmother's complaints about the outdated leisure centre echoed in his mind. The sports equipment would excite his younger brother. The bus stops seemed practical but uninspiring.

Antonio paused, surprised by his hesitation. The guide had explained the process clearly, but seeing those 1,642 other participants made his choice feel significant. He was not just selecting an option—he was joining a larger conversation.

Looking up, he saw other new citizens on nearby benches, teenagers and older immigrants alike, all holding the same elegant box. Some were scrolling through their devices, others reading intently. The woman next to him was speaking quietly into her device, which sounded like Arabic, as she participated in her first consultation.

The government's message is clear: "We value your future contribution. Here's how to begin."