

Collective Urbanism w/Tokenized Location Data

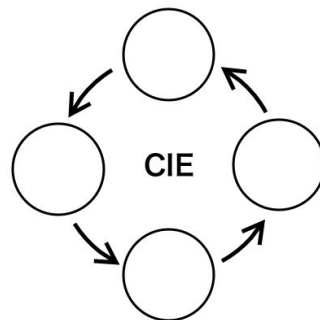
Presentation By :
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Our definition of “Smart City”
スマートシティの定義

Smart community + Technology = Smart City
スマートコミュニティ + テクノロジー = スマートシティ

	walkable city 歩けるまち構想	脱車依存社会
社会課題層	IoT 安心・安全	マイクロ・モビリティ ニュー・ロジスティクス

集团的都市形成エンジン



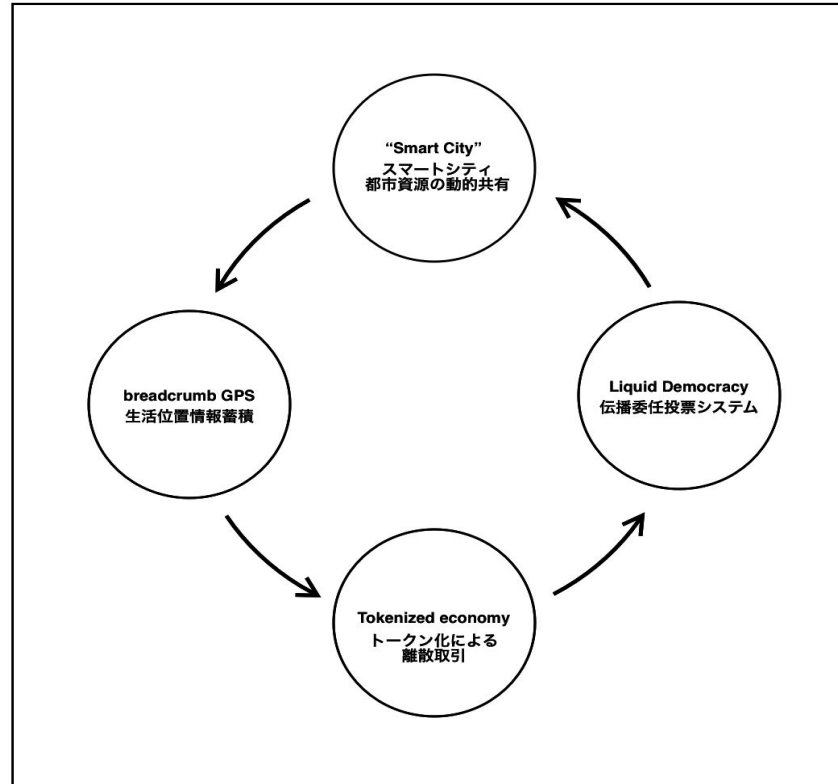
インターフェース層

simulation シミュレーション
visualization 可視化
gameification ソーシャル・ゲーム化
analyzation 分析

4 elements of Collective Intelligence Engine

集合的意思形成エンジンの4要素

Collective Intelligence Engine



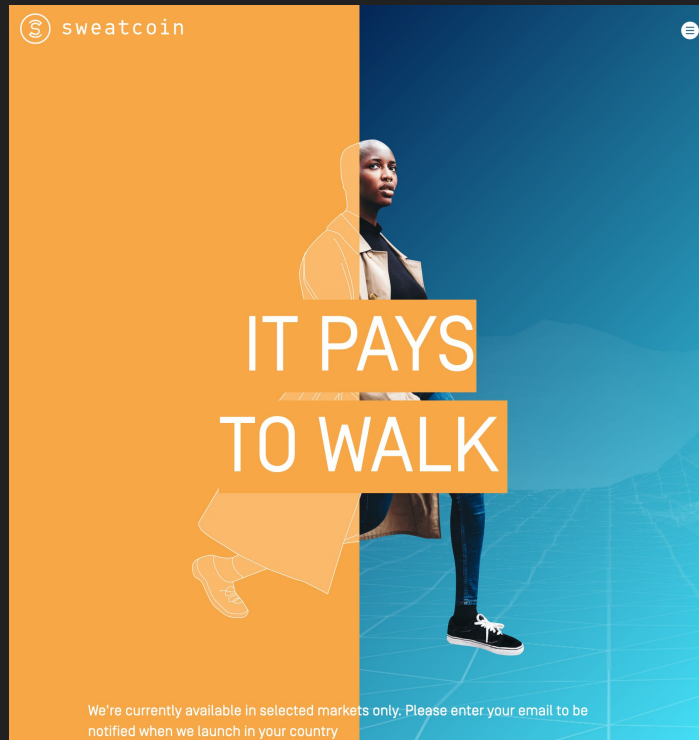
Breadcrumb GPS

CIE要素 1: パン屑GPS — 生活位置情報の蓄積



Tokenized Economy

CIE要素 2: トークン化経済 ー 離散的取引システム



SMART CITY

BUILDING TOMORROW'S CITIES

Dynamic Distribution of Urban Resources

ICIE要素 4: 都市共有資源の動的配分



Potential uses

- Exchange with local produce
- Buying goods from local shops
- Temporal change in lane structure/usage
- Lure food trucks
- Lure amenities / tenants
- Vote on Planning schema
- Large scale infrastructure decisions (walls, bridges, highways, sewer systems)

Demonstration Example

Use of a smart share cycle
w/ GPS data



Demonstration example

1. Dynamic Planning of Bicycle parking

We decide what occupies a physical space such as bicycle parking lot by **collective decision-making**. It is necessary to balance between citizens (non-users) who do not use bicycles while each user has a desired spot. At the same time this can be crucial to create incentives for using the bike sharing service.

User type	Desired bicycle parking lot location	Priority
Users of Bike Sharing Service service	Near users' location	Medium
Mama-chari user	Near user's location	High
Pedestrian	Does not disturb walking	Medium
Car (use as parking lot)	Near user's location	Medium
Car / disability assistance	Near user's location	High
Operating company	Minimisation and proximity	Low

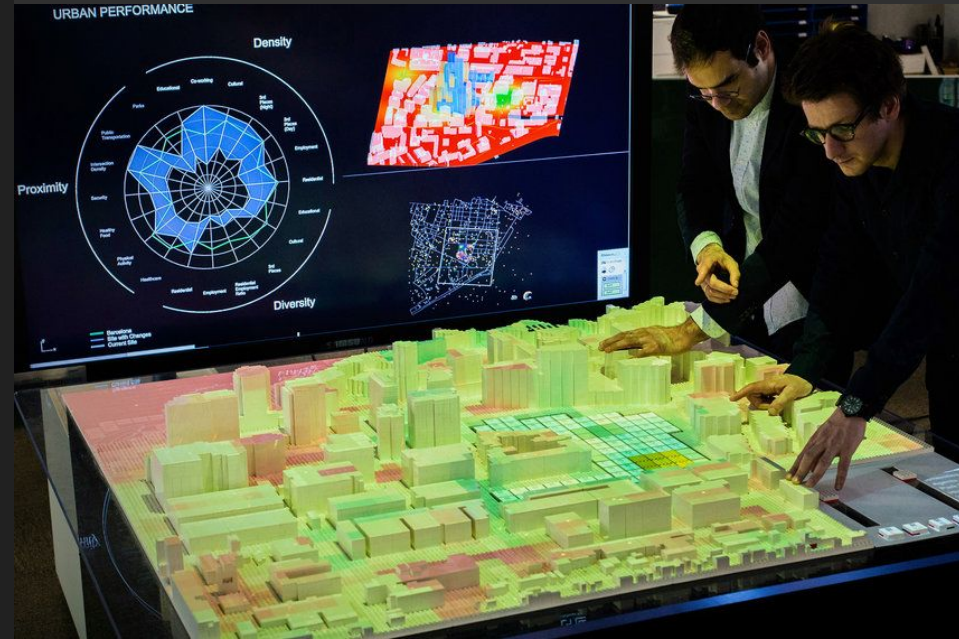
Demonstration Example

2. Lane speed limit and pedestrian zone planning

User type	Desired lane speed	Priority
Pedestrian	Pedestrian zone	High
Bicycle	Bicycle lane	Medium
Car	Legal speed	Low
Shop owner	Pedestrian zone	High

Implementation platform to be used:

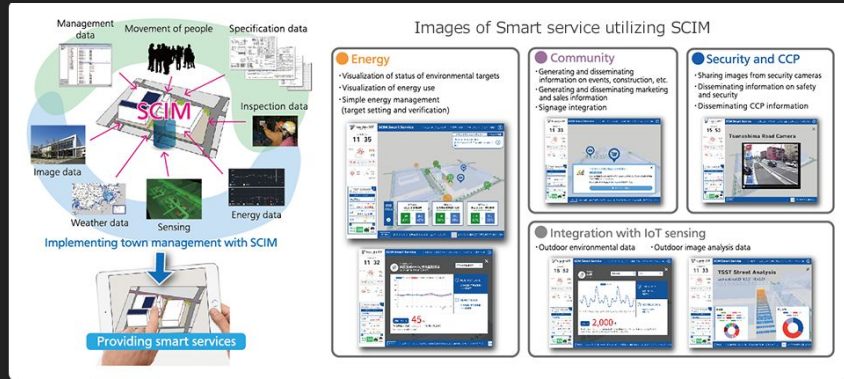
Cityscope, a collaborative tool developed by MIT Media lab



The diagram illustrates a multi-modal interactive system for a museum exhibit. It features a large, tilted display screen showing a city map with various colored zones (yellow, orange, red) and a sidebar with text and images. A large, flat, white surface in front of the screen displays a detailed 3D model of the city, also with colored zones. Several people are shown interacting with the system: one person is pointing at the 3D model, another is pointing at the screen, and a third is standing near the screen. The system is composed of multiple sensors and projectors, indicated by dashed lines connecting them to the display and the 3D model. Labels include 'Sensor', 'Projector', and 'ENERGY CITY Solar Energy Failing on Syracuse'.

**Potential implementation Locations
where contact is established**

Tsunashima SST



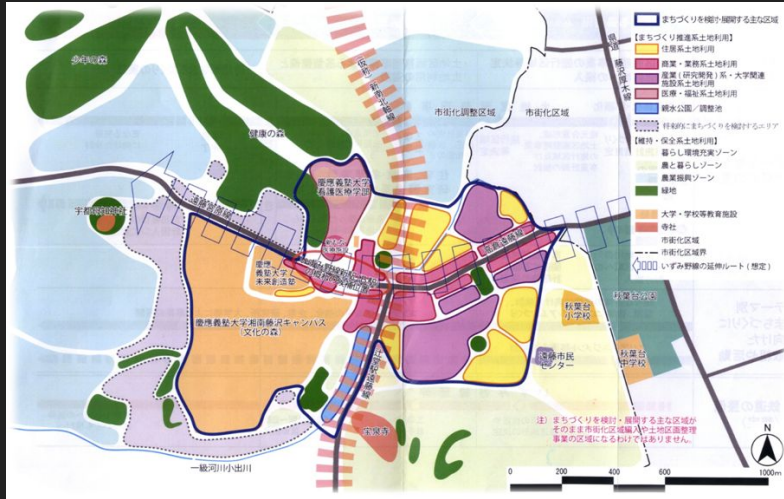
Fujisawa SST



Smart City Information Modeling (SCIM)

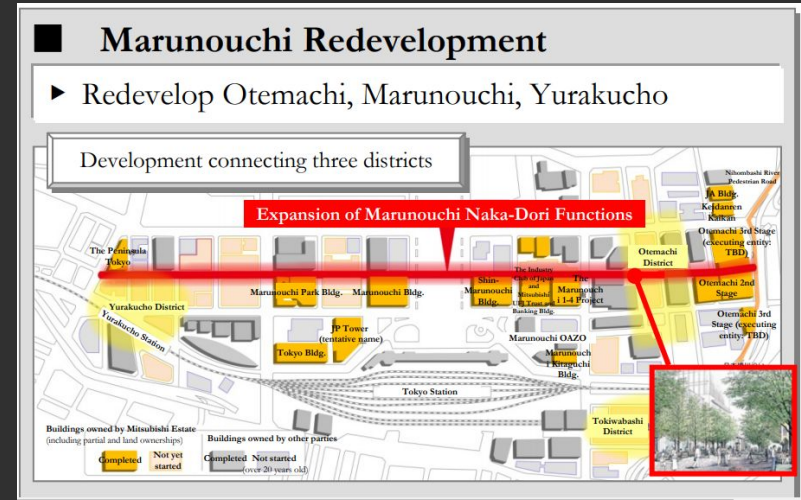
developed by Panasonic Corporation.

SFC project



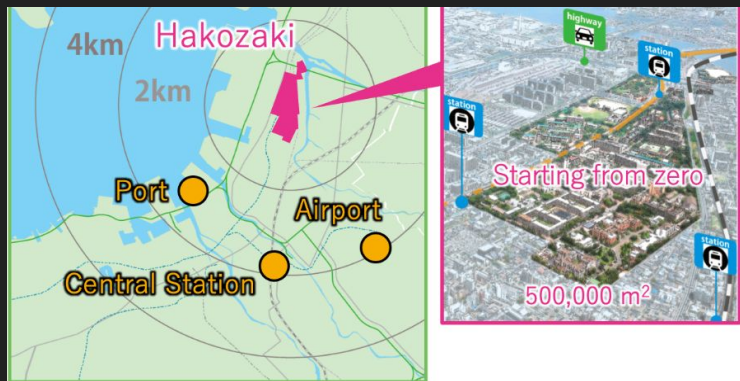
District Development project, centered around a future Campus Rail Station.

Daimaruyu Area



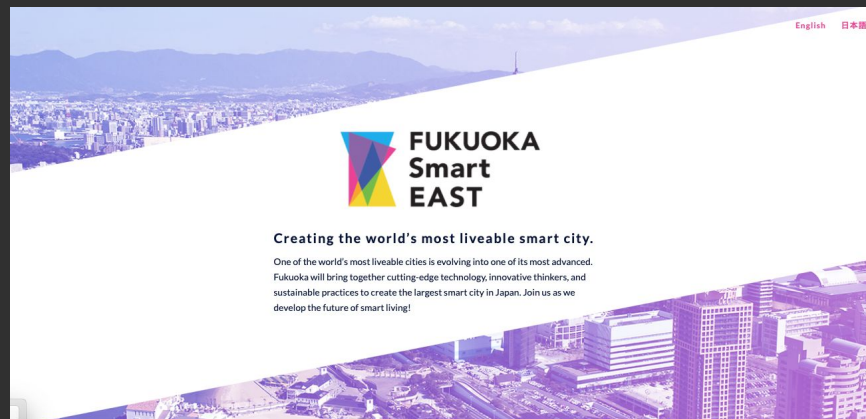
Otemachi, Marunouchi, Yurakucho.
TMIP (Tokyo Marunouchi Innovation Platform)

Hakozaki Smart City



(Creating a large smart city - We believe this area will become the world's largest smart city within an existing urbanized area).

Fukuoka Smart East



THANK YOU