



URBAN SUSTAINABILITY SOLUTIONS Projects Emerging from the M:CI Network

No.	Title/Name	Project "Owner" (Project Partner, Institute)
1	Integration of Enterprises in Local Climate Protection	Badenova Regional Cluster
2	Energy Master Plans for Industry/Business Parks	Badenova Regional Cluster
3	Regional Cluster	Badenova Regional Cluster
4	Connected- Regional Mobility	Badenova Regional Cluster
5	Building Renovation in the City of Tomorrow	Badenova Regional Cluster
6	Local District Heating Network for the City of Tomorrow	Badenova Regional Cluster
7	3D City Models—Simulation of Changes/Threats to Cities	Dorsch International Consultants
8	Integrated IT-Solutions for Modulations in the Water Sector	Dorsch International Consultants
9	Transformation of Existing City Structures	Drees & Sommer
10	SCIM: IT-Planning Tool for Simulation of Resource-Connected City Transformation Processes	Drees & Sommer
11	Methods for Sustainability Measurement of Urban Development Processes	Drees & Sommer
12	Methods for Measurement of Sustainability in Industry Locations	Drees & Sommer
13	Planning and Usage Circles for Autonomous City Quarters	Züblin
14	Circle-able Buildings	Züblin
15	Decentralized Water Management	Züblin
16	Integrative Solutions For Resource-Saving Solutions for Development of Existing Structures	Vattenfall
17	Berlin Urban ICT Lab	FOKUS
18	Trade Logistics for the City of Tomorrow	IFF INTERNATIONA-Institute for Field Research
19	Evaluation Tool for Security Classification of Buildings	EMI, Siemens
20	Tool for Identification of Sustainable Local Energy Systems	ISE, Energieversorger, ICT-Unternehmen
21	Conception and Construction of a Matchmaking Platform for Urban Innovations	Fraunhofer IAO
22	Technologies Innovation Radar for the City of Tomorrow	Siemens, TÜV Süd, Bosch, Fichtner IT Consulting
23	Energy Planning Tools	IBP, UMSICHT, ISE, AST, IWES
24	City Quarter Energy Concepts	UMSICHT, ISE, IBP, AST, IWES, EMI
25	The Multi-Energy-Smart-Grid	UMSICHT, ISE, IBP, AST, IWES, EMI



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26	Urban Quarter Net Concepts/ Urban Quarter Storage Technologies	UMSICHT, ISE, IBP, AST, IWES, EMI
27	Solarizing City Quarters	ISE, IBP, UMSICHT, AST
28	Power Plant Engineering of Decentralized Supply Solutions	ISE, IBP, UMSICHT
29	Connected Operation of Decentralized Energy Plants	ISE, UMSICHT, AST, FOKUS
30	Urban Production Centers and Increasing Value Added Activities in Urban Spaces	IAO, IML, IBP, UMSICHT
31	Security of Supply and Efficient Logistics in the City of Tomorrow	IML, IAO
32	Virtual Experiment Fields for the Logistic in "The Versatile City"	IML, IAO
33	Intelligent Connected Mobility Systems and Infrastructure for the City of Tomorrow	ISE, IAO, FOKUS, IML, IISB, IVI
34	Multimodal ("Convenient City") Traffic Construction	IAO, IBP, ISE, EMI
35	Construction for Existing and Future Potential Cultural Heritage in Cities	IBP, ISE
36	City Buildings Physics (Urban Surfaces and Planning Instruments)	IBP, UMSICHT, IAO
37	Evolutionary (and Minimal Invasive) Planning and Building Processes for the Transformation of the City of Tomorrow	IAO, IBP, ISE, UMSICHT
38	Energy Efficient and Innovative Buildings in the City of Tomorrow	IBP, UMSICHT, EMI, IAO, IISB
39	City Mashups	FOKUS, IAO
40	Urban Data Platform for Real-Time City Management	FOKUS, IAO, IOSB
41	Mobil M2M (machine-to-machine)	FOKUS, UMSICHT, AST
42	High Performance/Sustainable Processes for Working and Living In the City of Tomorrow	IAO, IBP
43	Innovative Social Value Added Demonstration Projects	IAO, AST, ISE, UMSICHT
44	Citizen Participation in City Processes	IAO, FOKUS /ELAN, ISST
45	Multifunctional Building Structures for Security-Relevant Infrastructure	EMI, IBP
46	Holistic Risk Management for a Resilient City	EMI, IOSB-AST, IAO
47	City-Cockpit: Sustainable Technology Management Instruments for the Synchronization of Innovation Cycles in the City	IAO, IBP, UMSICHT, IML
48	Towards an Overall Model on Consequences for the Environment: Potential Analyses and Evaluation of Sustainability	IBP, IAO, IML, UMSICHT, IOSB- AST
49	Goal Balancing for the City of Tomorrow: Consensus on the Requirements for Needs-Based City Design	IBP, IAO
50	Transformation of the City of Tomorrow (Scenarios, Implementation Processes, Project Monitoring)	IAO, ISE