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What is #AlbaluliaSmartCity?

- first smart city pilot project in Romania (launched in 2016);
- unique in RO, implemented by Alba Iulia Municipality in partnership with the Ministry of Communications and Information Society and private companies;
- focused on community: to convert modern technologies in order to improove the quality of life;
- focused on business environment: transforming the city to become more friendly with business environment | start-up launchpad;
- purpose: increasing economic efficiency, costs reduction, improoving quality of life - a more livable city.



Why #Albalulia?

- the city of The Great Union 100 smart projects dedicated to 100 years of modern Romania - #Albalulia to be transformd along the Centenial Year into a live showcase of smart solutions;
- it has an unique and comprehensive Development Strategy for 2014 2020, developed in a collaboration with the World Bank;
- champion at attracting EU funding (over 200 million euros in the last 10 years);
- the first Romanian city with a Branding manual, able to ensure strategic coherence and international visibility of the city;
- recognized by the European Commission as a Destination of Excellence (2012);
- the first Romanian city with a Moody's rating on transparency of public spending;



Why #AlbaIulia?

- geographical location in the centre of Romania, its medium size, local institutions openess, friendly business environment, local universities, highway proximity;
- already successfully implemented Smart City elements, like solar energy generators, smart public transport, selective vaste processing, buildings energy efficiency etc.;
- a recognised city for its cappacity to ensure incomes from other financial resources, not only from local taxes;
- dedicated, young and dynamic team that is able to support partners across all project phases;



45 private companies involved

50% functional projects

e-Governance&digitalisation of public services

Ready to launch first **open data** platform in Romania







































Experts in lightability™



































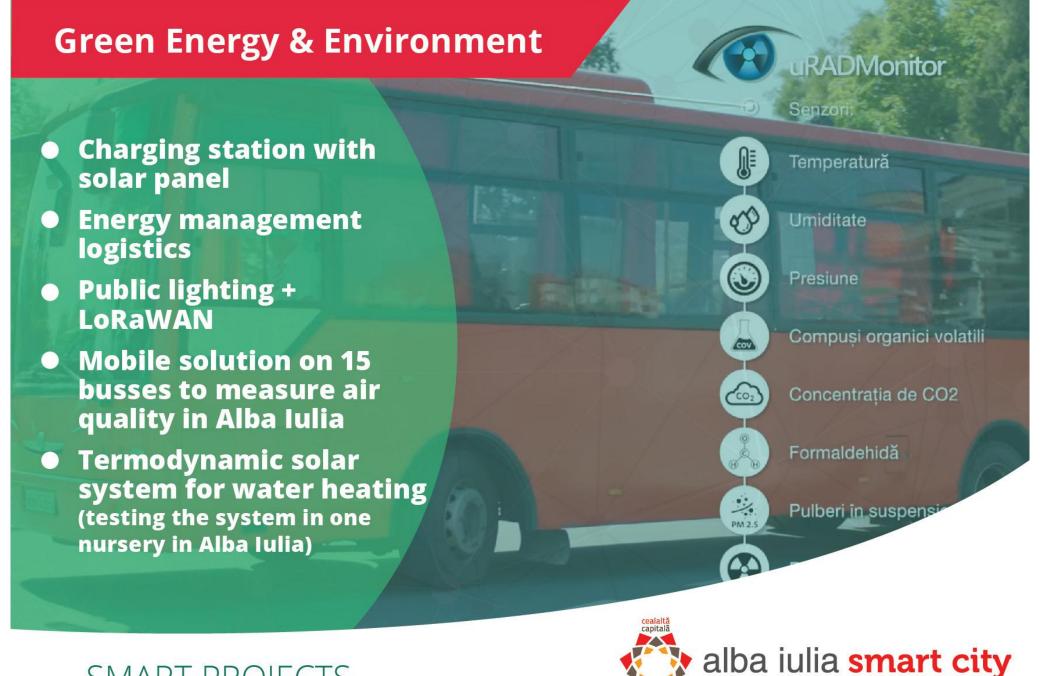
























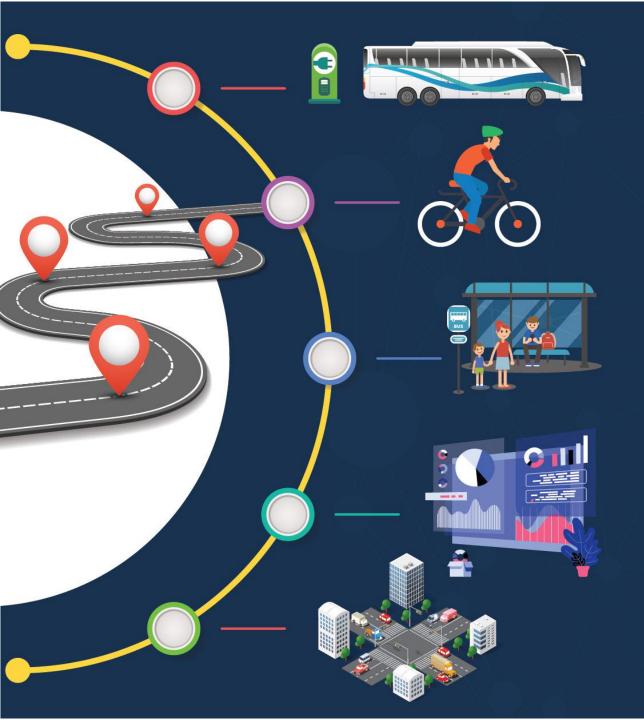


Tourism

- Wi-fi Hotspots
- Virtual guide for a museum in Alba Iulia (having the face of the roman emperor Caracalla)
- Virtual guide in Alba Iulia e-AlbaIulia app (Bluetooth+Beacons)
- Guided tours and treasure hunt app (discovering authentic places and stories in the city)
- City Analytics platform (to monitor incoming visitors)
- Virtual tour in #AlbaCarolinaCitadel
- 3D scanning of the city







EU funds

Post Pilot Mobility

20 km

road infrastructure length 54

bus station

26 km

bicycle lanes

36 km

pedestrian areas

29 km

dedicated bus lanes

540

smart bikes (sharing stations)

13

electric busses

31

charging stations

900

trees&vegetation

4,5% CO2

emissions reduction

milion Euro mobility projects 4114
LEDS

2753

new pols

232

photovoltaic panels

132 km

smart lighting system

50%

consumption decrease

50%

CO2 decrease

milion Euro

200 streets

In cloud monitoring sensors

Smart pedestrian crossings presence sensors

Other smart projects

- Children`s Museum
- Nursery new smart building in Ampoi II neighborhood
- Remotely Building System Management
- Energy efficiency rehabilitation of residential buildings
- Intelligent energetic system within Elderly Day Center
- Energy efficiency system within "Liceul Sportiv"
- Thermal rehabilitation "Alexandru Domşa" High School
- 400 beacons all over the city to communicate with citizens
- Digital catalog in 2 main colleges in Alba Iulia
- 5G Victory project
- Smart living hub Digital literacy & Learn to Code,
 Google grant within Digital Nation Program



Future plans in #AlbaluliaSmartCity?

- dedicated department for #smartcity direction of development;
- "The City where the future was born" we build the digital **foundation** for another 100 years of Romania, celebrating 100 years of modern Romania;
- "A more livable town" a more attractive city for business environment, more transparent to the community, more integrative for a better city ergonomics and mobility, more accesible, more competitive, more creative; more efficient;
- digitalisation of public services.



