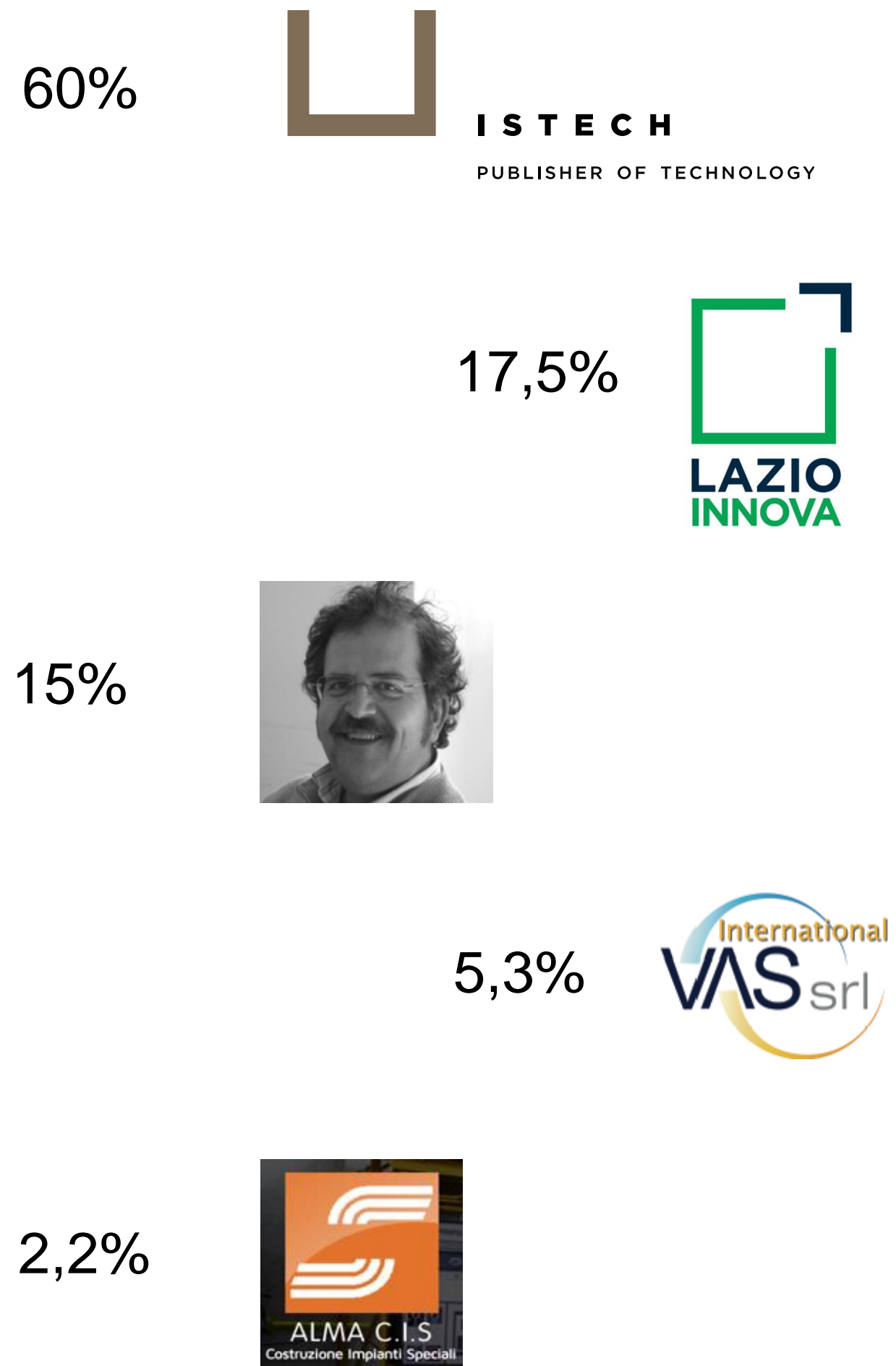




**WE CLEAN THE AIR WE BREATHE
AND INTEGRATE
INTERNET OF THINGS, ARTIFICIAL INTELLIGENCE
AND
ENERGY EFFICIENCY AND SUSTAINABLE
MOBILITY SOLUTIONS**

WHO WE ARE

SHAREHOLDERS



BOARD OF DIRECTORS



PETER CALÒ
President

GIUSEPPE SPANTO
CEO



PAOLO TRIPODI
CI&TO



TEAM

VALENTINA DI SIPIO
Operating and Program Officer





ANTONIO TIMOSSÌ
Sales Manager

FRANCESCO CHIRIELEISON
Sales and Mktg Senior Advisor - Project Management

ALBERTO BARONE
Tech Manager

NICOLÒ FRANCHI
Finance and Execution Mgt

SARA FRASCÀ
Strategic Marketing

-  Key Account Managers
-  Project Managers
-  Solutions Architects
-  IP and Business Development, International Alliances
-  Operations and Sales support

HOW WE CLEAN THE AIR WE BREATHE

Intelligent air cleaning system

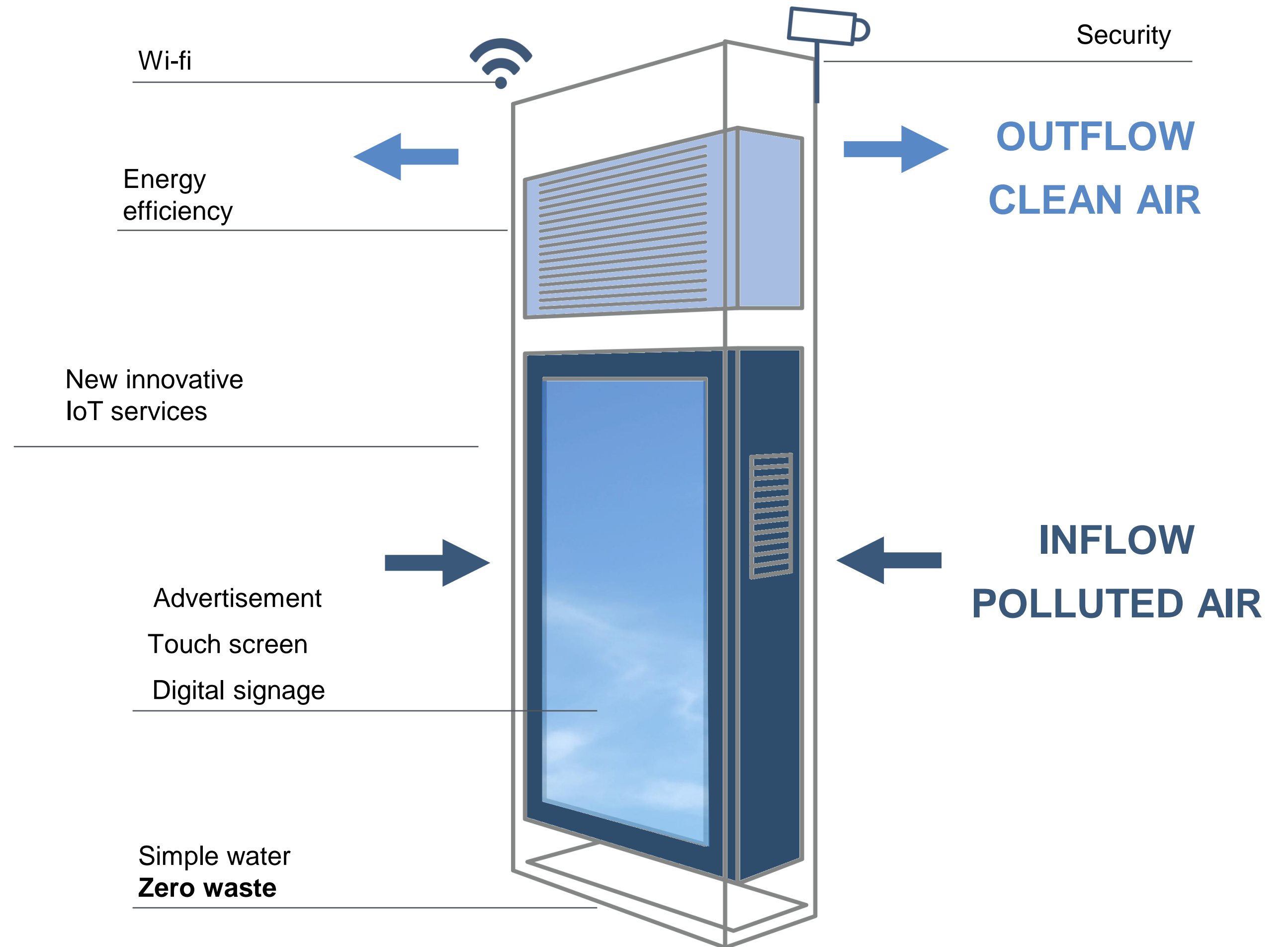
Strongly patented (also granted in China, US and Russian Federation) innovative **filter – less technology**, based on a wide know-how (generated on fields)

Abatement with very high efficacy:

- ▣ *Particulate matter (> 0,1 mg)*
- ▣ *Heavy metals*
- ▣ *PAH (Polycyclic Aromatic Hydrocarbons)*
- ▣ *Pollen, spores, light hydrocarbons*
- ▣ *NO_x, SO_x, CO and CO₂*

APA works ideally as a distributed cluster of pollution absorbers, scalable and flexible, operating at surface level (mainly), not at the source of the effluents

It integrates other technologies and assures emissions abatement, energy efficiency and costs reductions





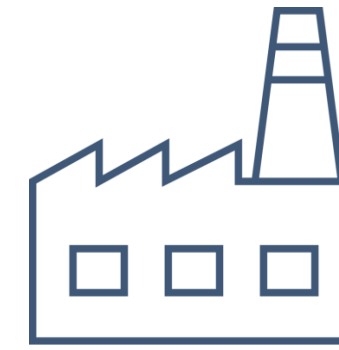
APA: THE IMPLEMENTATION STRATEGIES

Clean air cities



Intelligent service delivery platform and related solutions for Social and economic goals, serving cities and Public Governments

Clean air workplaces



At surface level and distributed, serving people and the environment

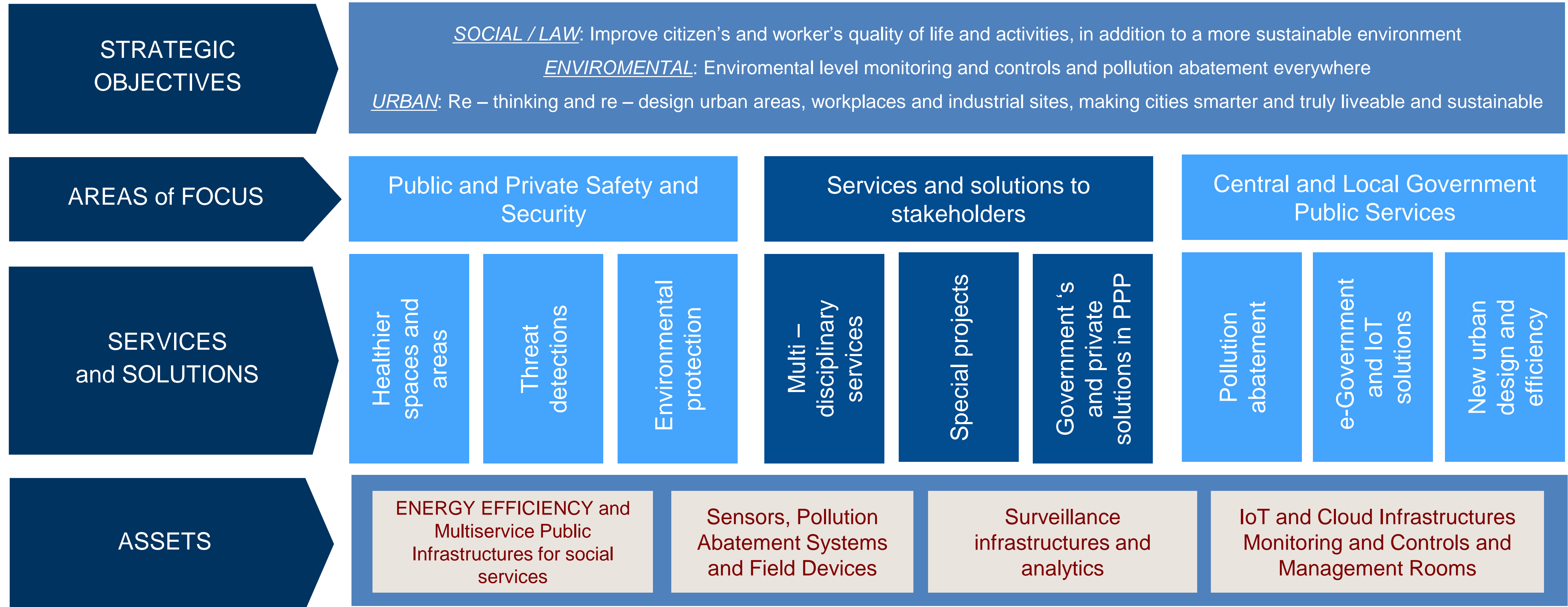
Clean air buildings



As verticals: home – domestic markets, public and private locals/offices, hospitals and clinics, industrial and civil buildings

Environmental programs and actions EVERYWHERE, at surface level (where we breathe)
Education and culture developments for awareness, at the service of people and the environment

COMBINED SOLUTIONS AT THE SERVICE OF THE IMPLEMENTATION AREAS



URBAN AREAS APPLICATIONS



C L E A N A I R I S L I V I N G A N D A P A E N A B L E S
S M A R T C I T I E S I N I T I A T I V E S O P E R A T I N G
I N D O O R A N D O U T D O O R



APA: INNOVATIVE INTELLIGENT MULTI – SHAPES AND MULTI-SERVICES PLATFORM

Disruptive technology enabling customized integration, thanks to its **Made in Italy** industrialization and flexible and modular design

TOMORROW, also with new shapes

APA System has different shapes to be integrated within multiple services, Internet of Things, Artificial Intelligence and Energy Efficiency accordingly

Sustainable, Measurable, Achievable, Realistic, Timely = SMART

Really sustainable initiatives in industrial sites, workplaces and urban areas, at the service of people and the environment

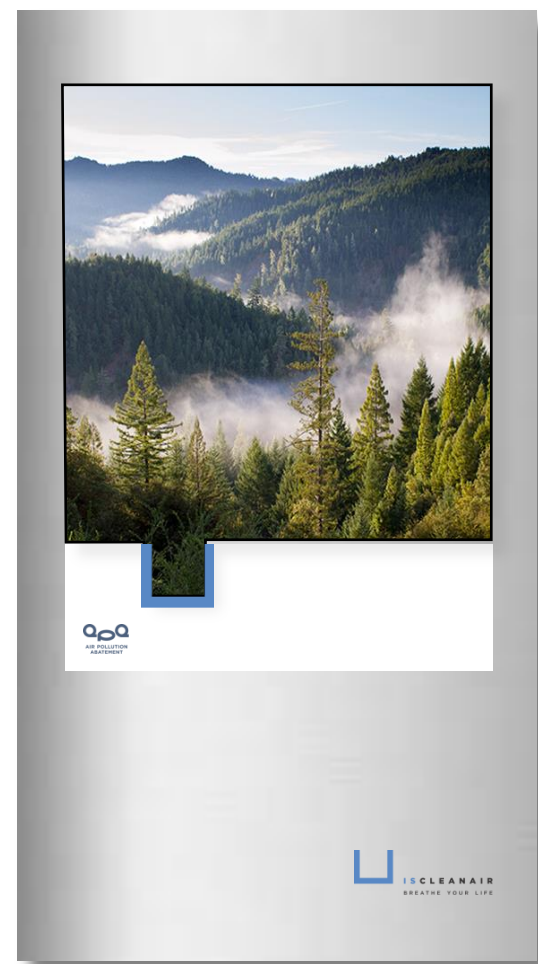
Solutions already on field

L'Aquila – SMART CLEAN AIR CITY 2017

The first large cluster of APA systems in the world, operating at surface level



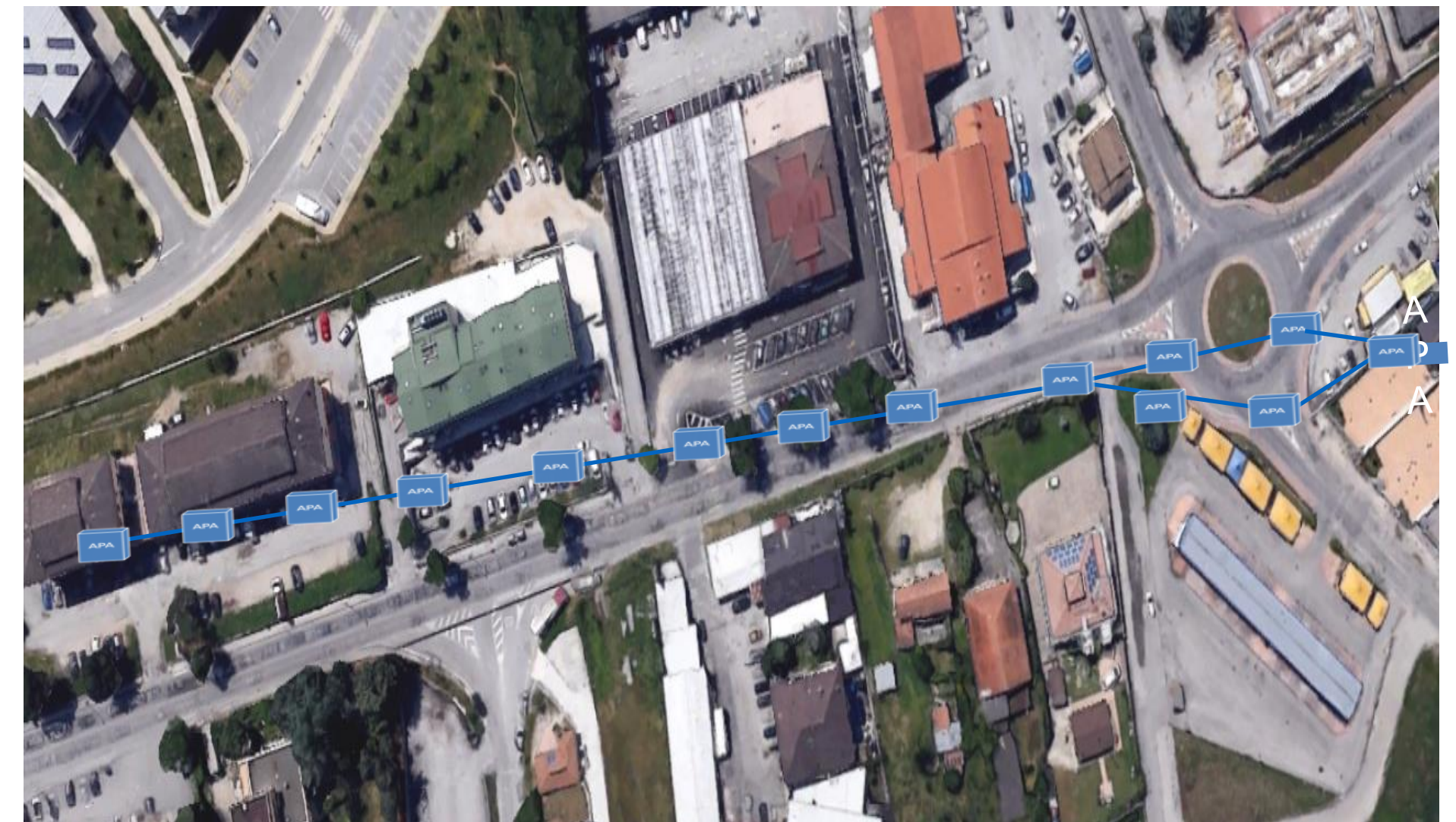
Multimedia Totem



Panel



G7 Summit 2017 - Taormina



WORKPLACES AND INDUSTRIAL SITES APPLICATIONS



SOME INFORMATION ABOUT APPLICATIONS



Cluster of 2 APA systems - Mod. Panel

Great efficacy of PM 10 abatement in the first 40 days of activities:

- 70% in the gate area
- 60% in the luggage's handling

CIAMPINO AIRPORT (ROME)



Cluster of 3 APA systems - Mod. Large

Prominent abatement of PM10 concentrations

Constant detection lower than 10 $\mu\text{g}/\text{m}^3$, for 1 year of continuous measurement



ROME – URBAN AREA



Cluster of 2 APA systems APA - Mod. Large and 1 APA system - Mod. Slim

Prominent abatement of PM 10

Efficacy over than 65% after just 120 day of working on the industrial site

INCINERATOR (PADUA)



APA system - Mod. Vent

Abatement efficiency on the source of the emissions, as per the special requests by the Authority:

- CO > 99%
- PM = 95%
- SOx = 90%



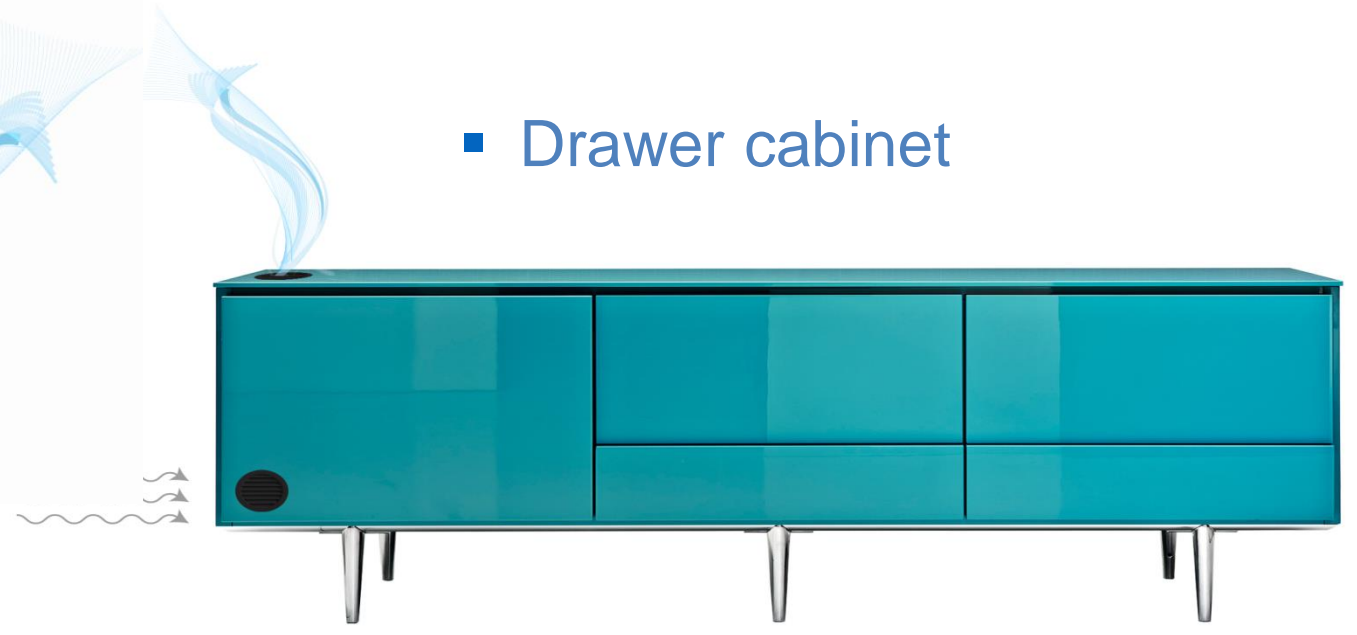
BIOMASS COGENERATION PLANT (ASTI)



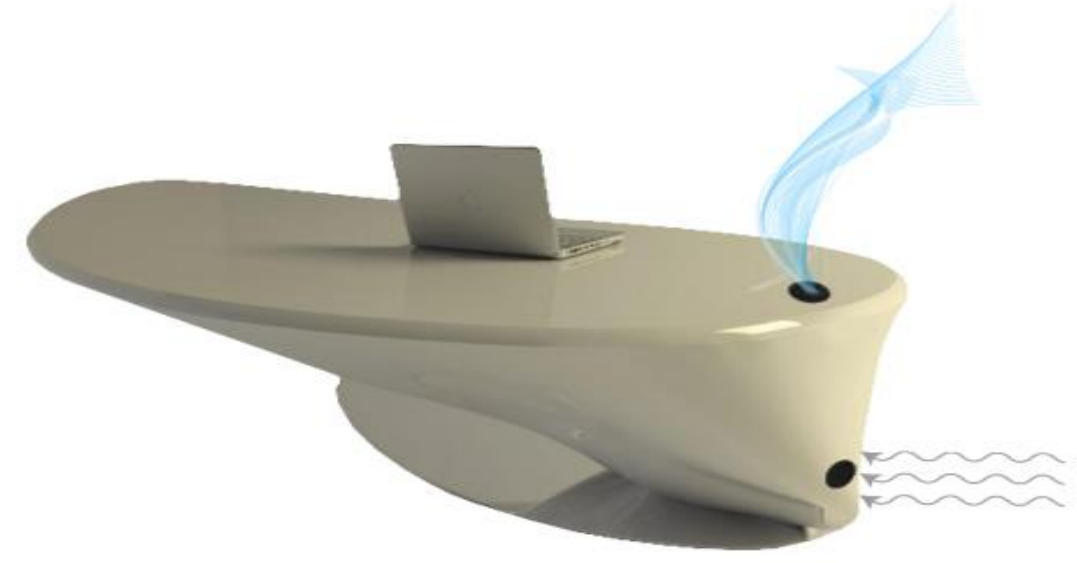
ON ADVANCED PROTOTYPING PHASES*



▪ Pouf / footrest



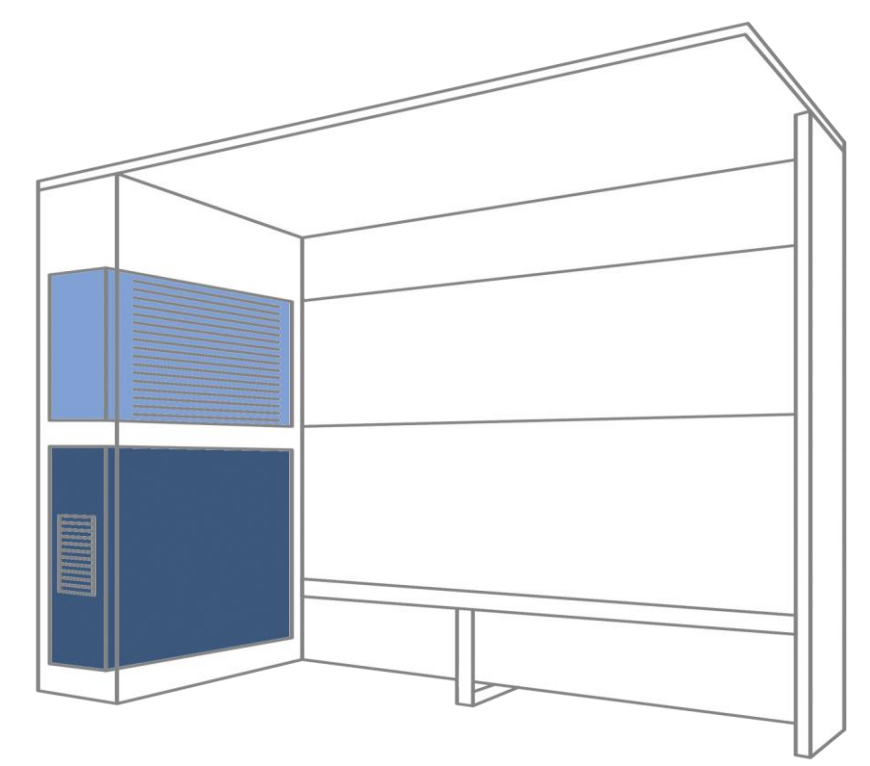
▪ Drawer cabinet



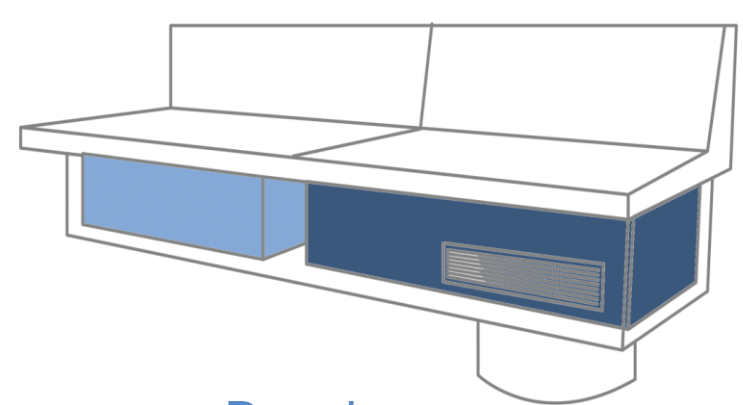
▪ Desk



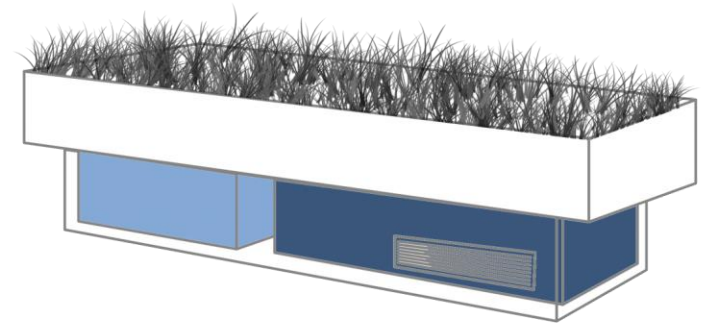
**WIDE NEW ADDRESSABLE MARKETS
NEW SOLUTIONS FOR BUNDLE
SERVICES TO CUSTOMERS**



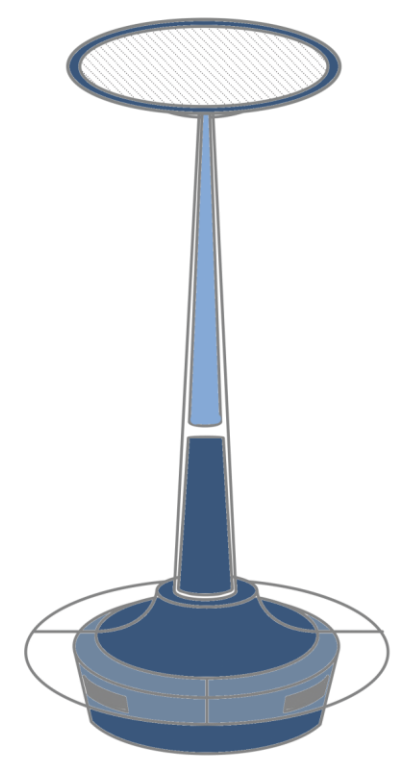
Bus Stop



Bench



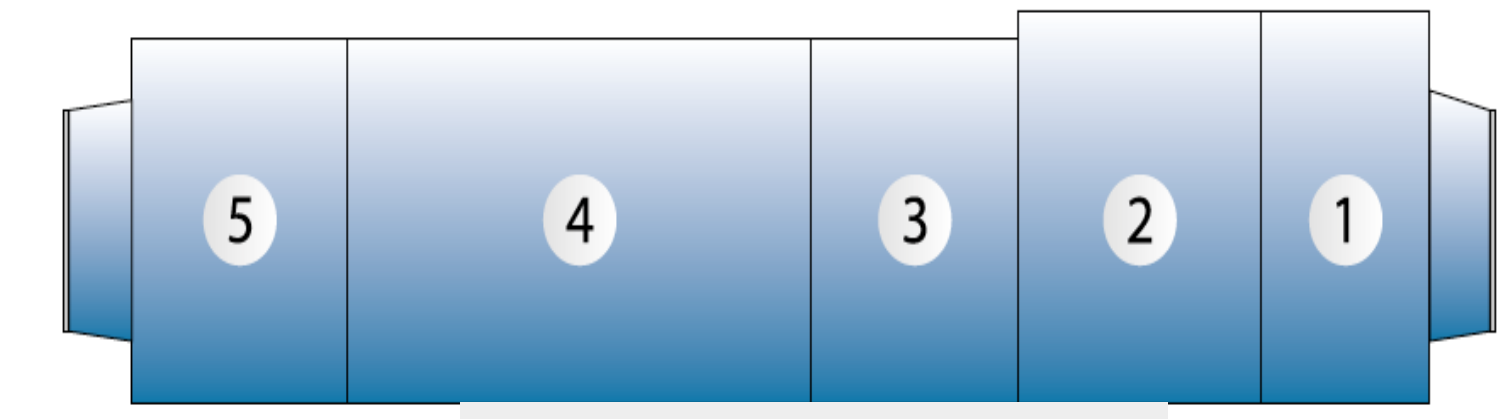
Flower pot



Street Lamp

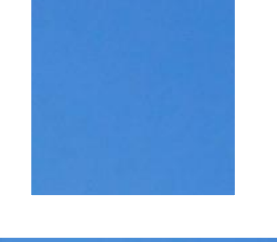


Electric cars charging
and Multimedia Totem



Planned applications

* Activities on developments, and new IP generations are on going; the sales activities are planned through business partnerships and KH e TT (licensing) models, mainly



BREATHE YOUR LIFE



AIR POLLUTION
ABATEMENT

THANK YOU



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