



The Smart-City solution
for Air Pollution

PAMARES

"In the inclusive society
everyone has the right
to breathe Clean Air!"





Re-imagining the Future with PAMARES

StaticAir presents PAMARES as the only system of its kind in the world. Imagine a smart, sustainable, powerful but noise-free outdoor air purifier.

The PAMARES is an intelligent system that offers, through efficiency and smart connection, structural results to meet air quality objectives while achieving real data and results. The PAMARES uses a patented technology, approved by the official Dutch scientific research institute TNO.

“C40 City Mayors signed a Clean Air Declaration, recognizing that breathing Clean Air is a human right!”

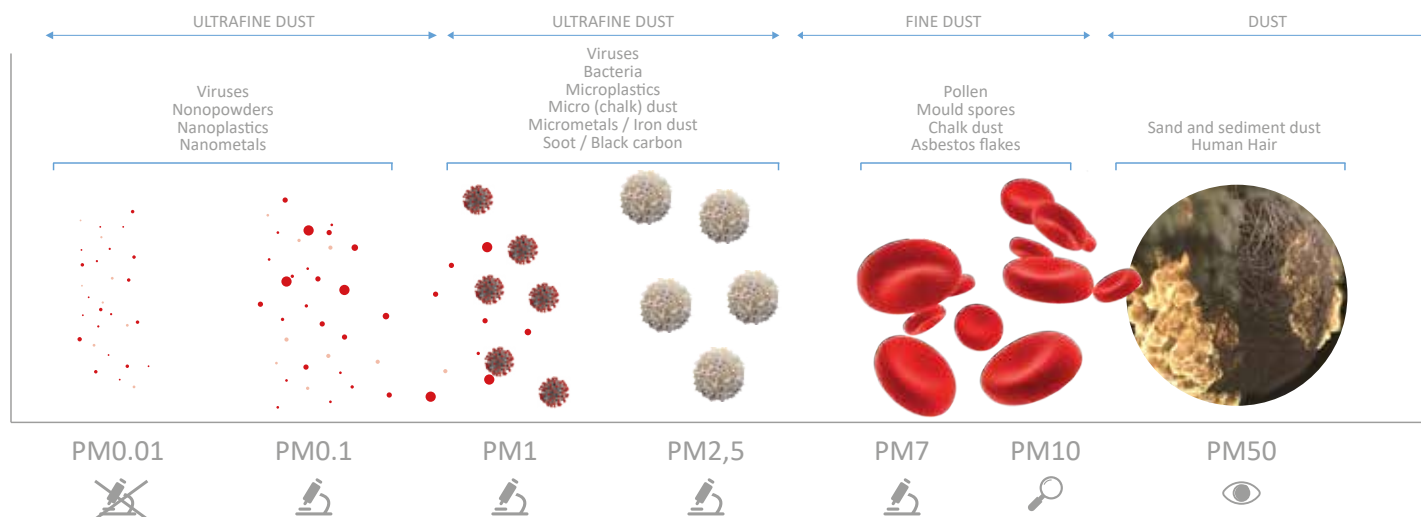
WHAT IS (ULTRA)-FINE DUST?

(Ultra)-Fine dust, also known as particulate matter (PM) can either be directly emitted into the air (primary PM) or is formed in the atmosphere from gaseous precursors such as sulfur dioxide, oxides of nitrogen, ammonia and non-methane volatile organic compounds (secondary particles).

HEALTH EFFECTS

The serious concerns about the health effects of (ultra)-fine dust involve respiratory issues, heart disease, various cancers and the effects they have on our neurological system, causing brain damage and possible behavioral problems according to scientific research and the WHO.

Air pollution: Size Matters

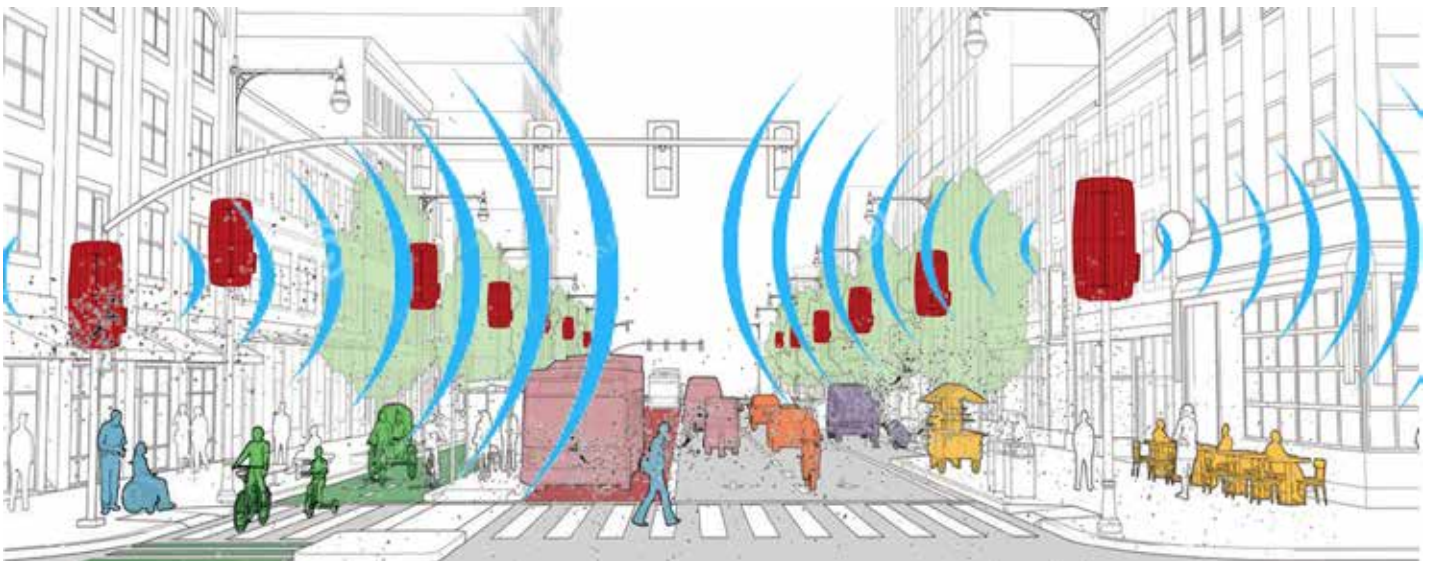


SMART URBAN PLANNING

A dynamic PAMARES installation is most effective at urban emission hotspots with concerning PM10 and PM2,5 concentrations.

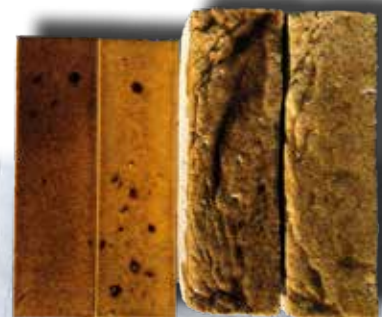
A complete PAMARES set-up contributes to a healthier environment in vulnerable residential and commercial areas.

“Take control of
concerning levels
of PM2,5 pollution!”



RETHINK, RECYCLE AIR POLLUTION?

Our mission to promote health and well-being in the urban environment led us to equip PAMARES with recycled and bio based materials. Our effort to rethinking fine dust, brought us new possibilities to recycle fine dust and turn it into tiles, bricks or even table ware.

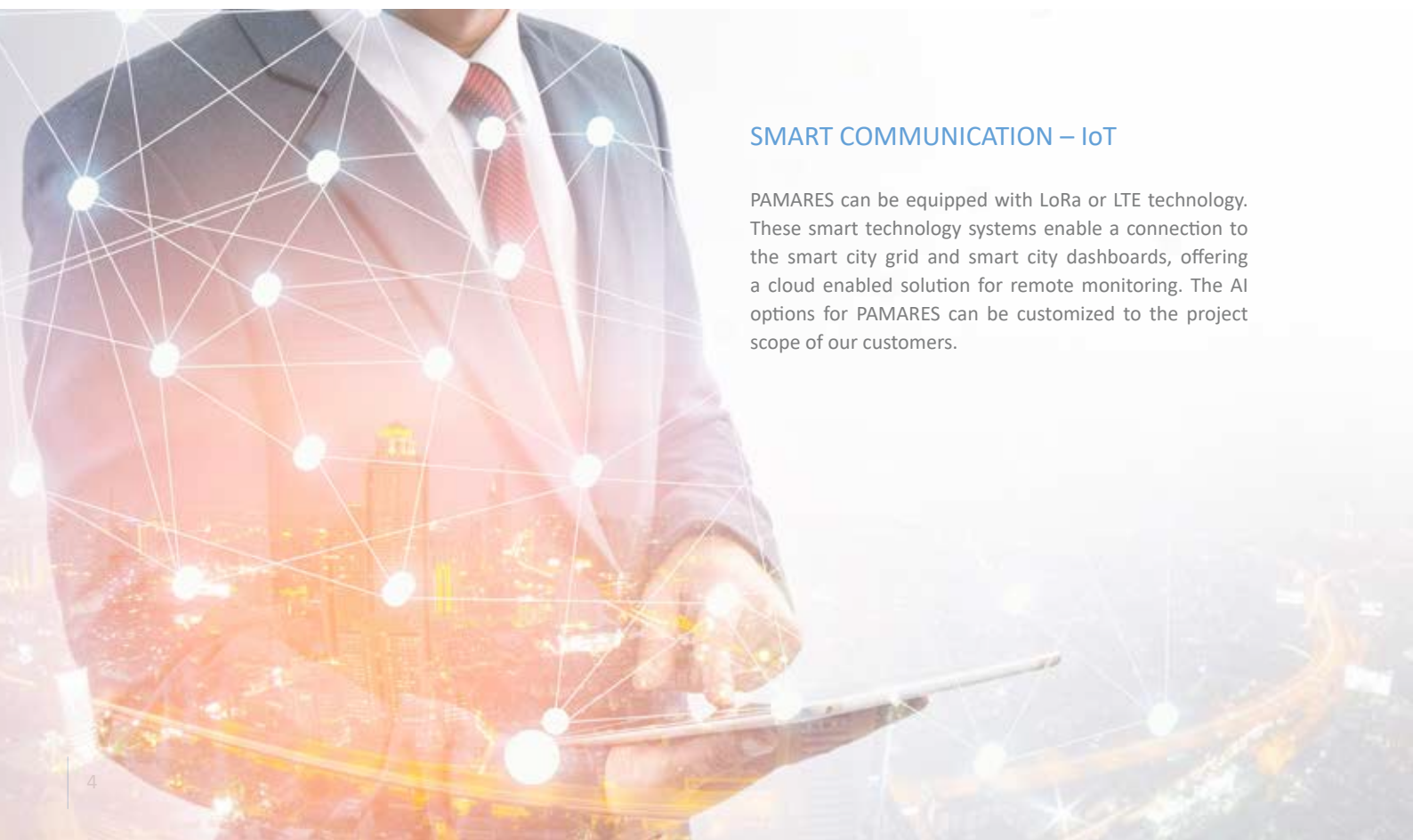




GREEN CITY GOALS

Connecting air purifiers and air quality sensors providing data feed for insight and air quality control. Smart City solutions evolve while generating connectivity and dialogue. Citizens want to be informed and tend to like smart education and interaction. The PAMARES is a physical representation of the efforts a city takes to work towards a carbon neutral future.

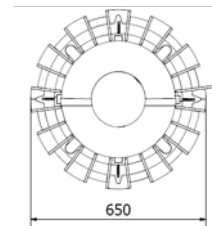
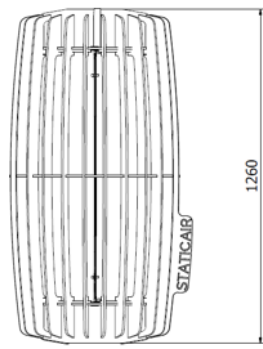
“Set the **Vision**, take **Action**,
implement **Reduction**.”



SMART COMMUNICATION – IoT

PAMARES can be equipped with LoRa or LTE technology. These smart technology systems enable a connection to the smart city grid and smart city dashboards, offering a cloud enabled solution for remote monitoring. The AI options for PAMARES can be customized to the project scope of our customers.

PAMARES specs



PLUG & PLAY

PAMARES offers an efficient plug & play solution and can be customized on request. The unique attachment to (light) poles, makes it a space friendly integration also in combination with other 5G smart devices already present.

NOISE FREE

The operating system is completely noise-free, nor does it need filter replacement, while using only 18watts.

DESIGN PHYSICS

Configuration	Cylinder
Diameter	650 mm
Dimensions L x W x H	1260 x 650 x 650 mm
Net Weight	35 KG
Material	Aluminium, PVC optional rice based bio material
Colour	Anthracite grey or customized colours
Mounting options	(Light)pole wrap, Pole diameter 80-200 mm

PERFORMANCE

Volume	Depending on air flow
Airflow	Uses natural present air flow
Radius	6 - 7 meters
Reduction	20 - 40%* Particulate Matter PM10, PM2,5 – PM0,1
Noise level	Silent - 0 dBA
Humidity tolerance	0-99%
Temperature tolerance	-10°C to 60°C
Application area	Outdoor

ELECTRIC SPECS

Power supply	230V/110V
Plug	EU plug (global plugs optional)
Power consumption	18 Watt
Watertightness classification	IP 65
Control	LED indicator

MAINTENANCE

Wire set replacement	2x per year*
Low maintenance cleaning	Water/rain or industrial vacuum cleaning

OPTIONAL

Smart City technology	LoRa or LTE option
Custom design	Colour, print, shape, material use

PRODUCTION

* Depending on local situation and positioning



Citizens for Clean Air



Contact:

De Aaldor 28
4191 PC Geldermalsen
The Netherlands

T +31 (0)345 – 745 920
I www.StaticAir.com
E info@staticair.com

Reference agent:

