

Air Quality 4.0

The background of the slide is a photograph of a clear blue sky with scattered white clouds. In the bottom left corner, there is a white air quality monitoring station mounted on a metal pole. The station has a yellow sensor on top and various cables. On the right side, the dark green leaves of a tree are visible against the sky.

The new criterion for tourism

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Question

Why transparent Air Quality can strengthen the tourism?

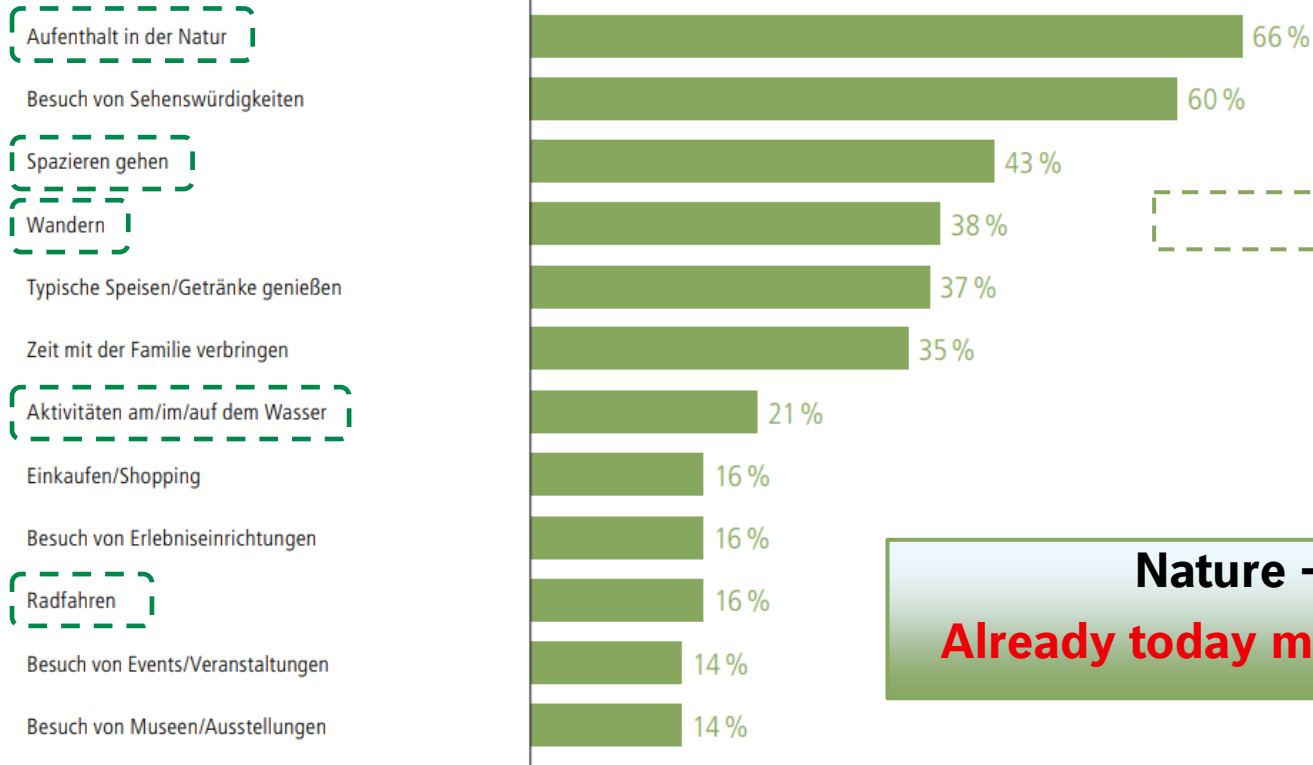
Because there is ...

- ... an increasing **health awareness** within the society
- ... a claim of continues **self-assessment** instead of pure faith in certificates
- ... a wish to **get routed** more optimized by clear recommendations based on clear criteria
- ... a chance to increase the **competitiveness** btw. cities by expanding the service portfolio
- ... already today a high motivation to stay **outdoor** and be active in **nature**

Air Quality 4.0 Facts

Natur vor Kultur

Top-Aktivitäten* der Deutschen bei Urlaubsreisen im Inland 2021



Nature – Health – Activity
Already today main focus points of guests

*Urlaubsreisen im Inland ab einer Übernachtung und 50 km vom Wohnort (Mehrfachantworten möglich)
Quelle: GfK SE 2022 (Hrsg.): GfK DestinationMonitor Deutschland 2021

Reiseverhalten der Deutschen ■

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Solution: Bosch Air Quality Monitoring Box



Parameters



Gases: NO₂, O₃, CO, SO₂

Particles: PM_{2.5} and PM₁₀

Air data: relative humidity (RH), temperature, pressure



❖ **Easy to install**



❖ **Flexible**



❖ **Certified**



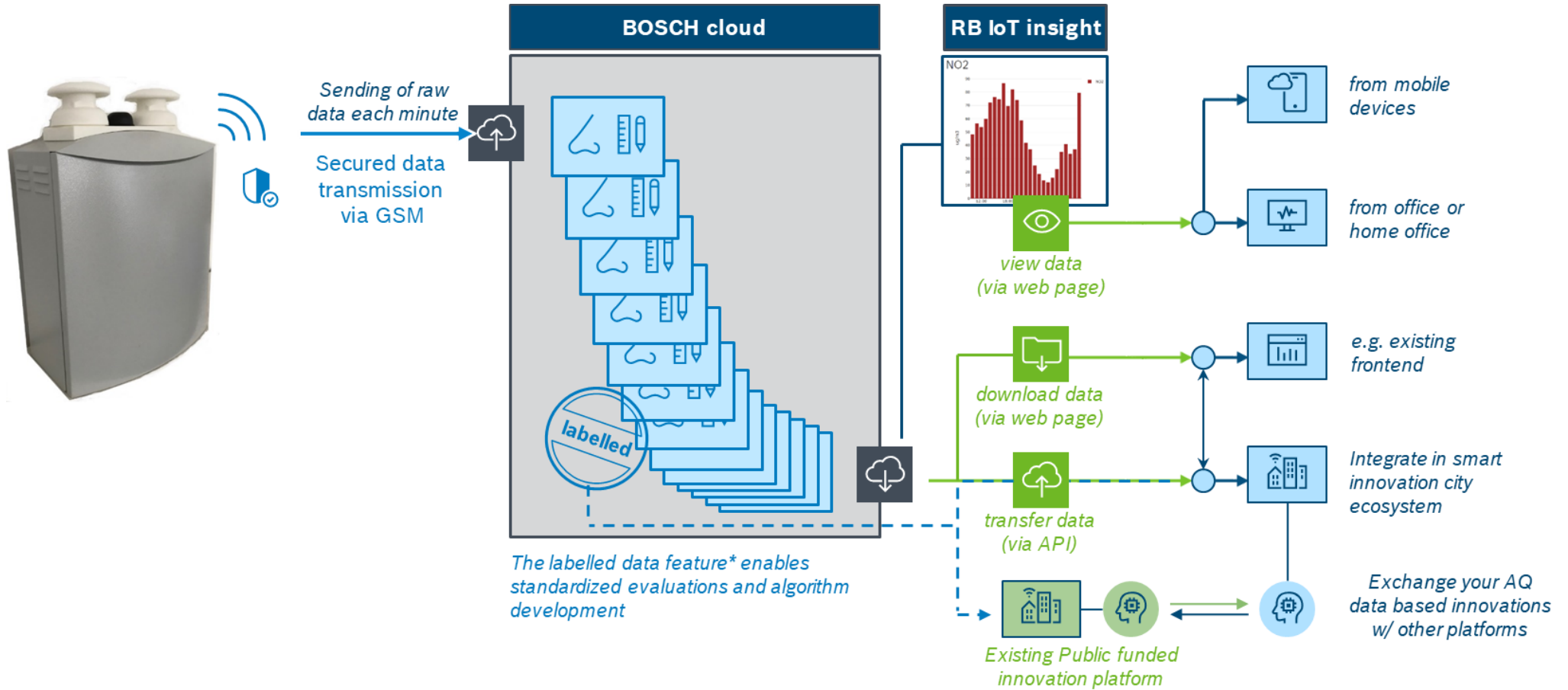
❖ **Precise**



❖ **Robust**

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100% transparency via AQ data in real-time



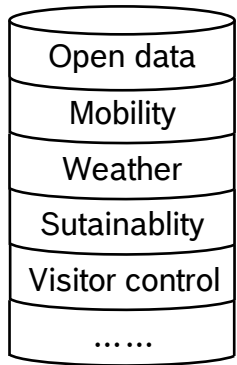
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Project „Tourism“ for health resorts 10.06.22



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Project „Tourism“ for health resorts



Data Input



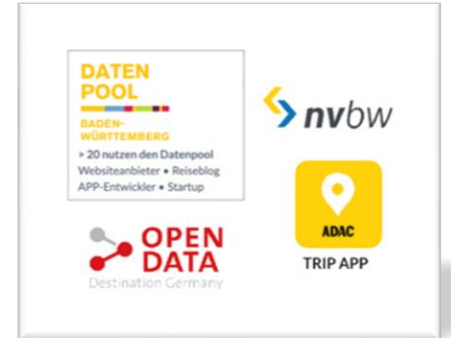
Air Quality



Distribute

Visualize

New Services

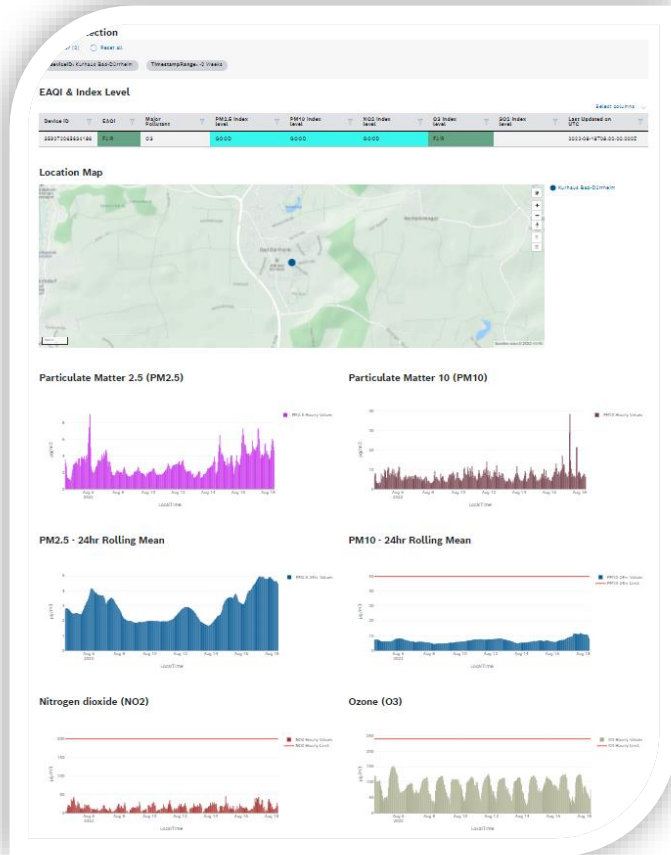


Collect

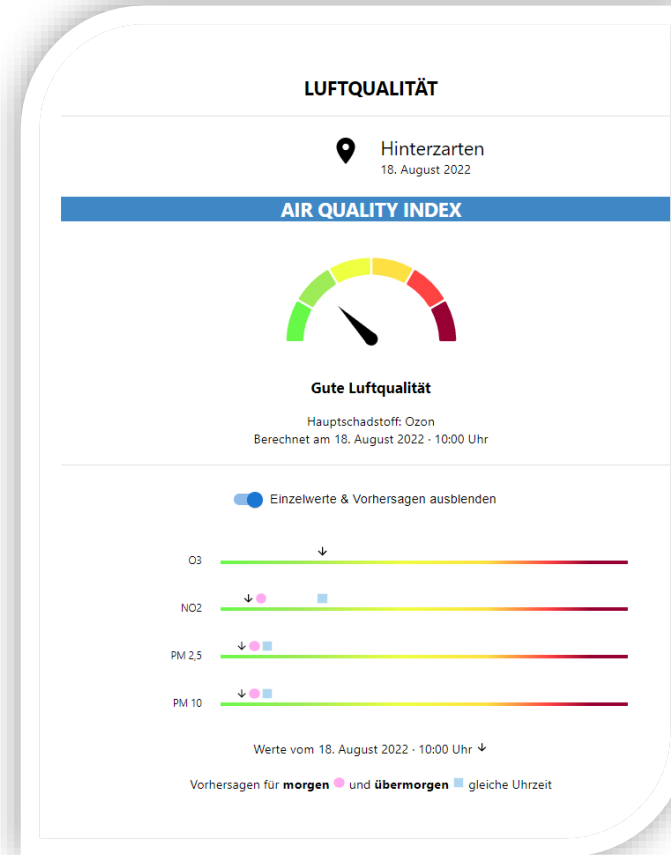
Organize

Visualize & Services

Air Quality 4.0 Live Demo



<https://bosch-iot-insights.com/ui/project>



<https://www.heilbaeder-bw.de/luftqualitaet>

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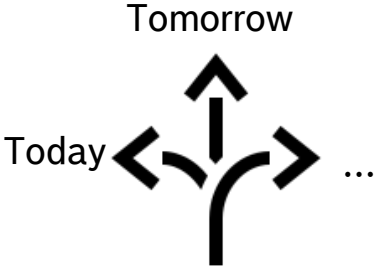
Project „Tourism“ for health resorts



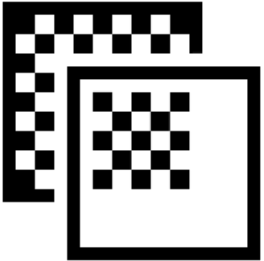
Air Quality 4.0
100% transparency



AQ related offers
Gain new customer groups



Improve and sensitize...
...traffic & environmental situation continuously



AQ the new criteria
Take you off from others, stay competitive



AQ prognosis
Optimize your planning

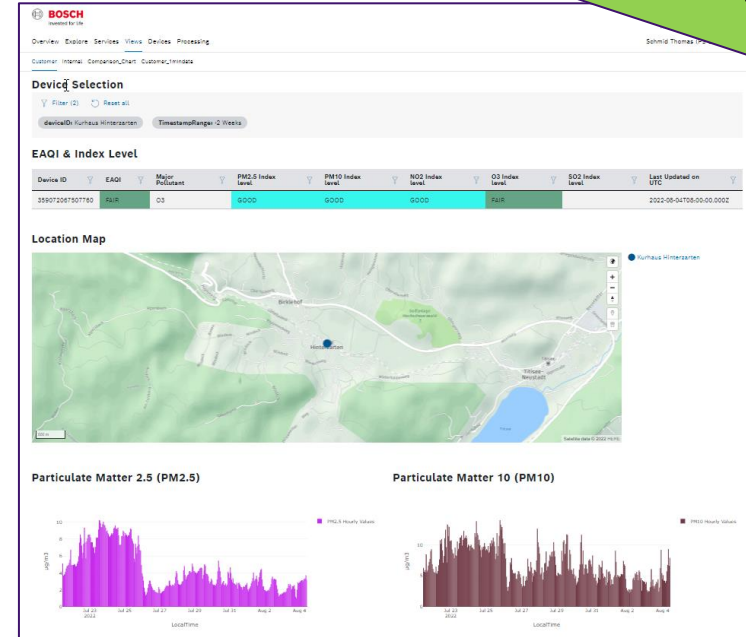


Air Quality 4.0

Our offer to you

- 2 year contract of one 4-Sensor AQMB (PM_{2.5}, PM₁₀, NO₂ & O₃)
- Installation of hardware (only 230V requested)
- Yearly maintenance and sensor exchange
- Continuous hardware diagnosis by Bosch
- Easy Web Access for data visualization
- *(Optional)*: 2 day prognosis of NO₂, PM_{2.5} & PM₁₀
- *Optional*: Widget for data linkage on your webpage or app by our partner
- *Optional*: Usage of “Mein.Toubiz” data platform by our partner
- *Optional*: Analysis & Consulting for local questions by our partner

14.750 €





Herzlichen Dank

Fragen?

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