



Mobile blood analysis for emergency medical services

Non-confidential pitch deck · April 2022

Emergency response



Diffuse symptoms are not easy to interpret by emergency medical services (EMS)



Emergency response

The right decisions have to be made quickly at the scene



Emergency response

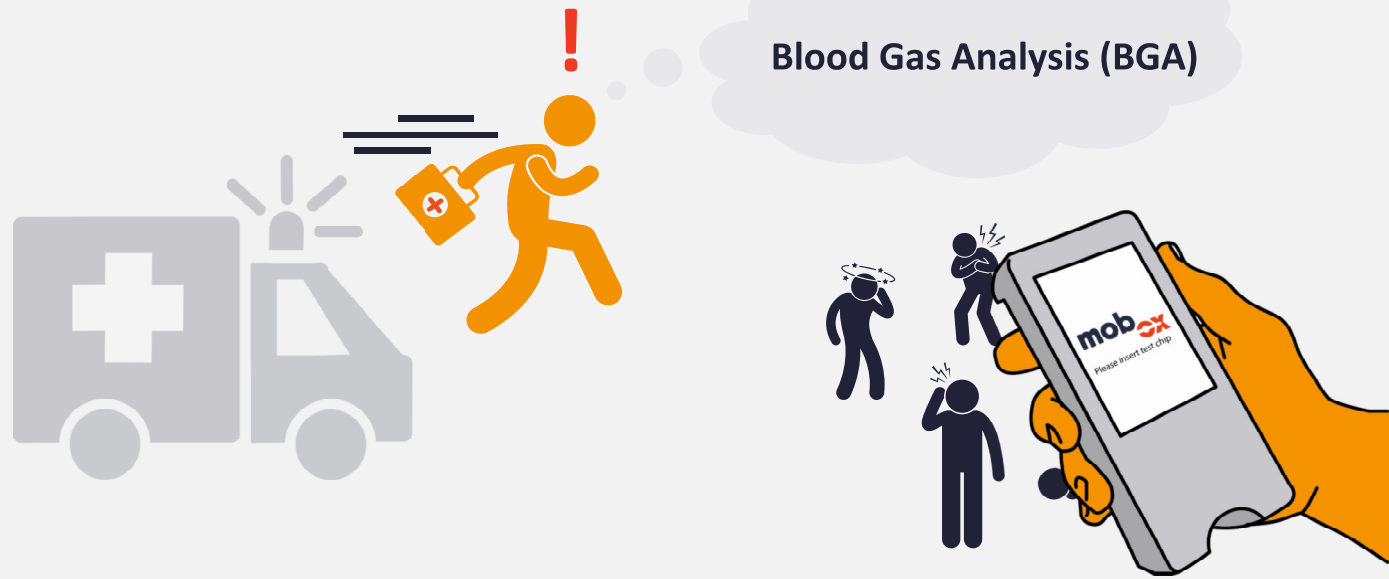
Advanced analysis is required in critical situations



Emergency response



mobOx brings the clinical lab right to the emergency site



Emergency response



This enables immediate diagnosis and thus an earlier start of the best therapy



Emergency response



This enables immediate diagnosis and thus an earlier start of the best therapy



Emergency response



38 min

Earlier start of the best therapy¹

¹Average time from arrival of the emergency doctor at the site until arrival of the patient at the hospital (source: BAST report, Germany, 2019)

≈ 2.1 Mio.

Internistic emergencies per year in Germany¹
(82 Mio. residents)

83 %

Would use a mobile BGA²

¹Source: BAST report, Germany, 2019

²Survey among 24 intensive care and emergency physicians; answers of ≥8 on a scale from 1 (unlikely) to 10 (very likely)

Value proposition



Mobile lab at the patient



Compact, lightweight and robust handheld



Clinical accuracy



Important parameters at a glance



Mobile BGA with CO-oximetry



On-site decision support



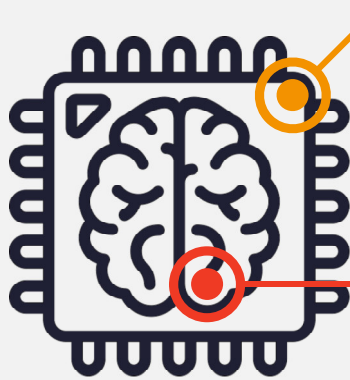
Reliable, fast, easy to use



20 µL blood (one drop)



First results in 10s



Novel optical sensor with robust AI-based analysis

- Enables mobile use in a wide temperature range
- Immediate availability of important blood parameters (patent pending)

Highly scalable technology

Extensible analysis platform based on

- Highly specialized sensor spots
- Disposable testchips
- Spectrophotometric analysis

Handheld



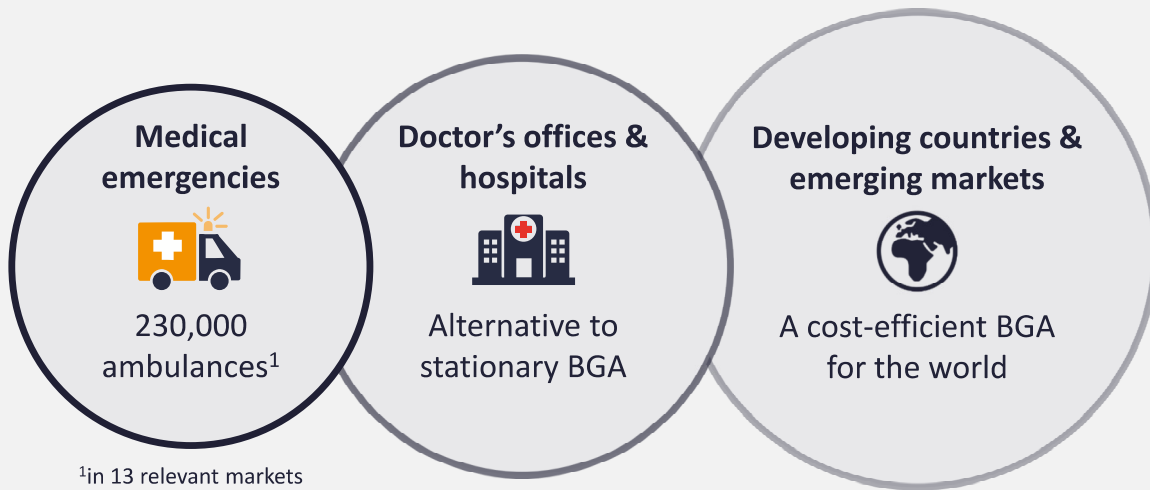
One-time revenues
(penetration strategy)

+

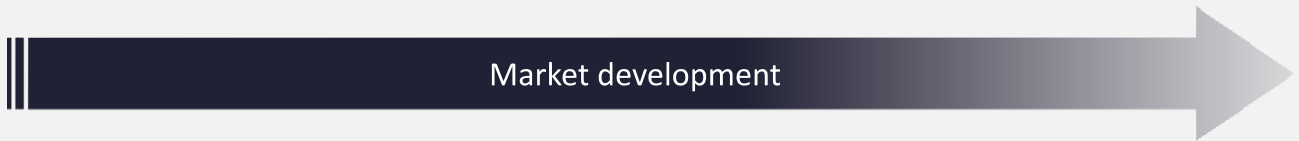
Testchip



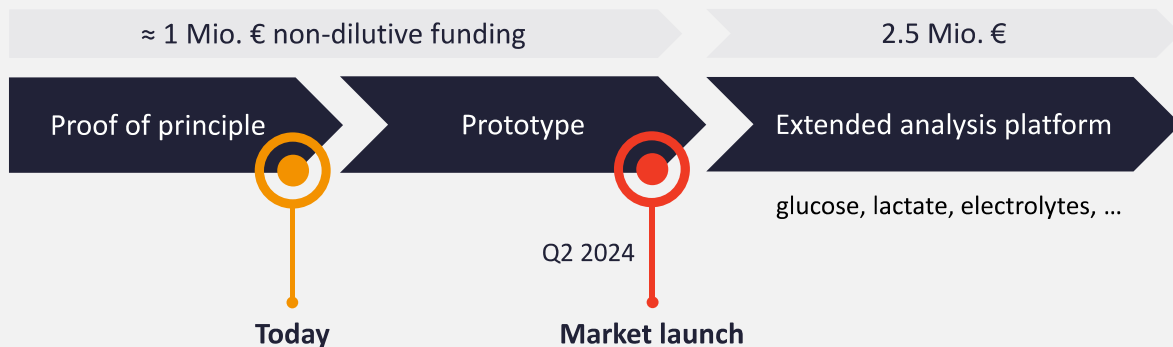
Recurring revenues
(skimming strategy)



¹in 13 relevant markets



Step I Step II Step III



→ Fast market access via strategic partners



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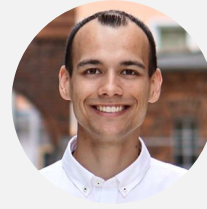
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