



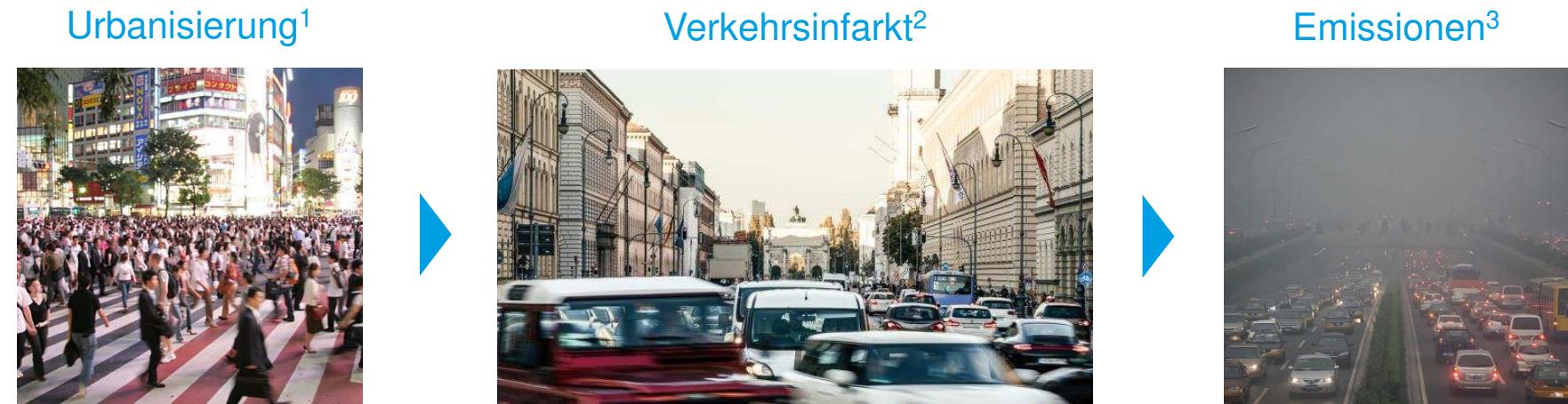
Perspektiven des autonomen Fahrens im urbanen Raum – Chancen und Grenzen

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Mainz | 17.06.2019

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Der Urbanisierungstrend führt zu einer Überlastung der innerstädtischen Verkehrsinfrastruktur und erhöhten Emissionen

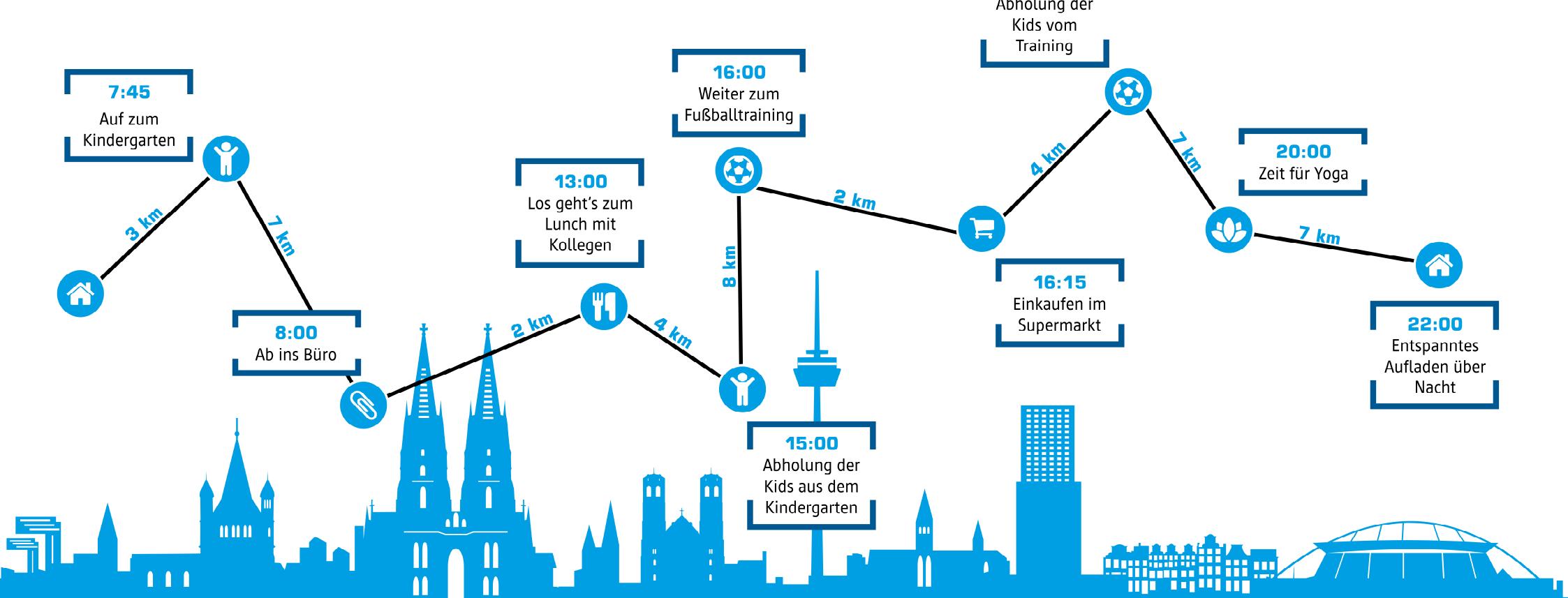


Die innerstädtische Mobilität bedarf neuer Mobilitätskonzepte und -dienstleistungen

Bildquellen: 1) BMUB - <https://www.umwelt-im-unterricht.de/medien/bilder/megastaedte-weltweit/> 2) BR - <https://www.br.de/nachrichten/dieselgipfel-bei-merkel-so-soll-die-luft-sauberer-werden-100.html> 3) Spiegel Online - <http://www.spiegel.de/auto/aktuell/in-peking-gibt-es-zuviele-autos-und-zuwenig-parkplaetze-a-834451.html>

44 km
gefahren

e.GO
das Stadtauto



Source: e.GO Mobile AG

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Elektromobilität, die Spaß macht, praktisch und bezahlbar ist.

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Der dringende Handlungsbedarf in der urbanen Mobilität muss mit verschiedenen Fahrzeugkonzepten adressiert werden



Lücken im Produktpotfolio der etablierten OEM's



Preislich attraktive
E-Kleinfahrzeuge für den
Innerstädtischen Verkehr



Preislich attraktive & robuste
E-Flottenfahrzeuge für
Serviceanbieter



E-Kleinbusse/Sammeltaxen für
innerstädtische Mobilität



A Besitz eines bezahlbaren
E-Autos



B Bezahlbare(s) Car Sharing/
Flotten



C Autonomer Bus/
Robo-Taxi



Konsequente Use-Case Orientierung für das automatisierte Fahren

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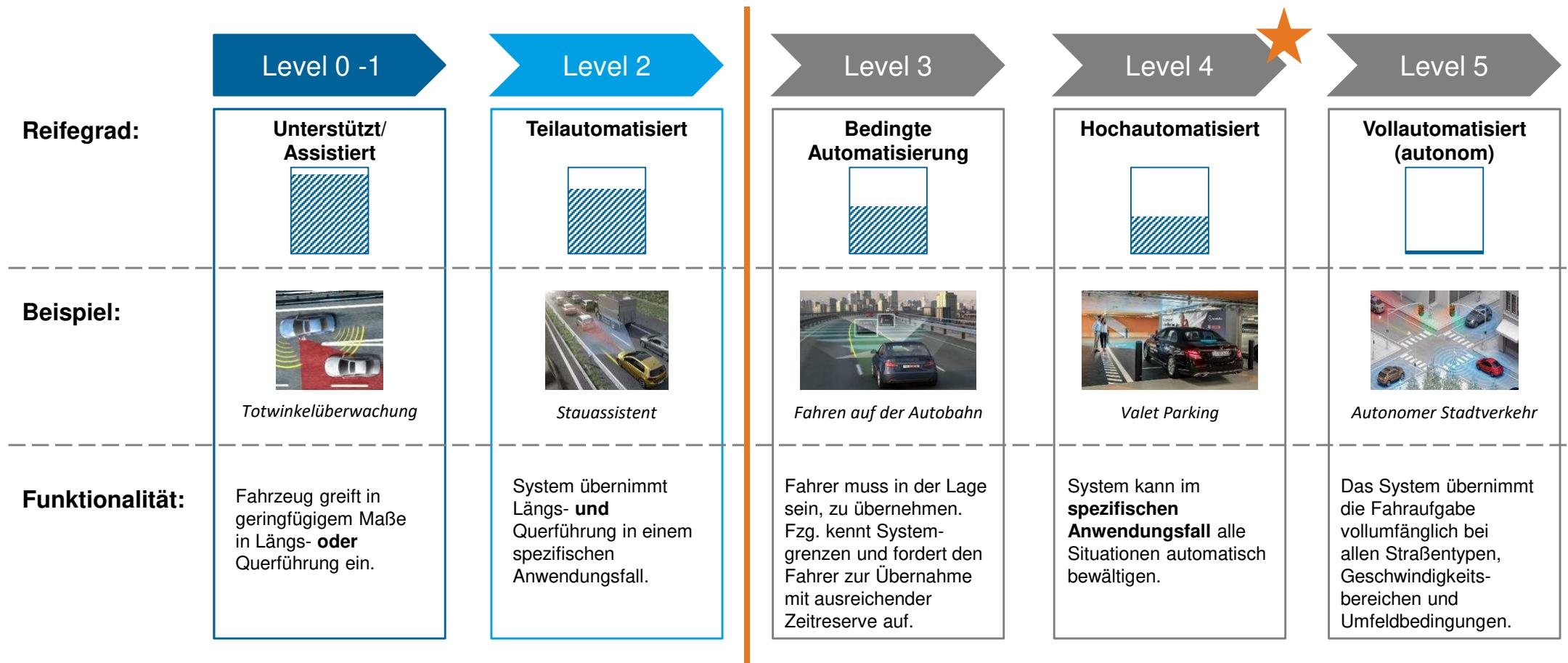


Für das automatisierte Fahren im ÖPNV ist eine neue Fahrzeugklasse notwendig



Das automatisierte Fahren kann in 5 Stufen unterteilt werden: Vom Assistenzsystem bis zum vollautomatisch fahrenden Fahrzeug

Die aktuelle Rechtslage in Deutschland erlaubt eine Automatisierung bis Stufe 2



Quelle: VDA

e.GO Mover | Zwei mögliche Ansätze zur Realisierung des hochautomatisierten Fahrens

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Schritt-für-Schritt Automatisierung (mit Sicherheitsfahrer)

Automatisierte Fahrfunktionen sind optional

Einsatz auf allen öffentlichen Straßen möglich, da Mover voll homologiert ist

Hochautomatisiertes Fahren auf spezifischen Routen

Hochautomatisiertes Fahren (ohne Sicherheitsfahrer)

Automatisiertes Fahren ist notwendige Voraussetzung

Anwendung nur nach spezieller Genehmigung und in definierten Gebieten

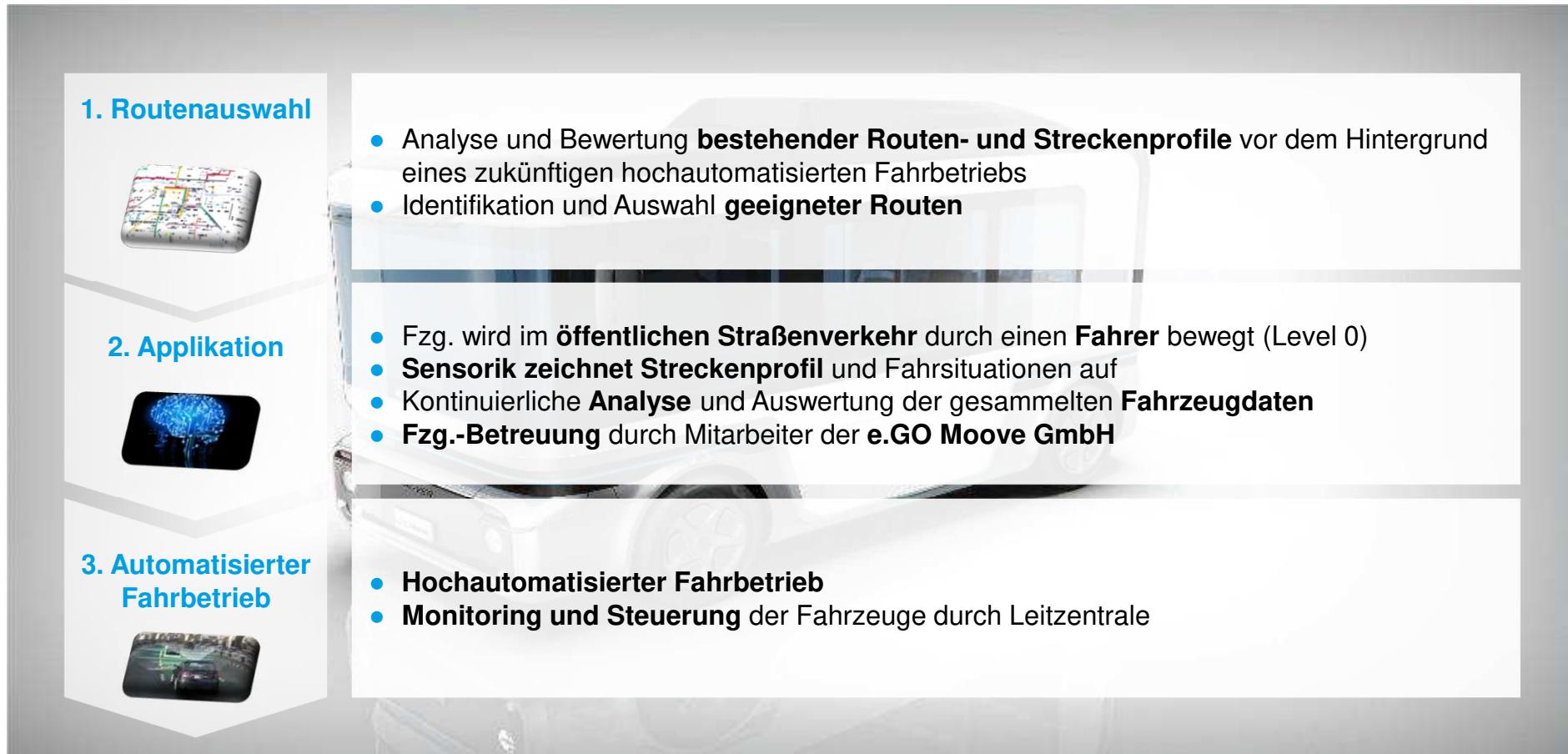
Infrastruktur zum Betrieb an Teststrecke notwendig

Kontinuierliche Entwicklung der Fahrfunktionen Schritt-für-Schritt möglich

Vielzahl von Markteintrittsbarrieren müssen gelöst sein

Das automatisierte Fahren schrittweise einführen

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e2GO – Park and e.Ride



Image by Studio Schwitalla

e2GO Hub



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Let's get started!





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