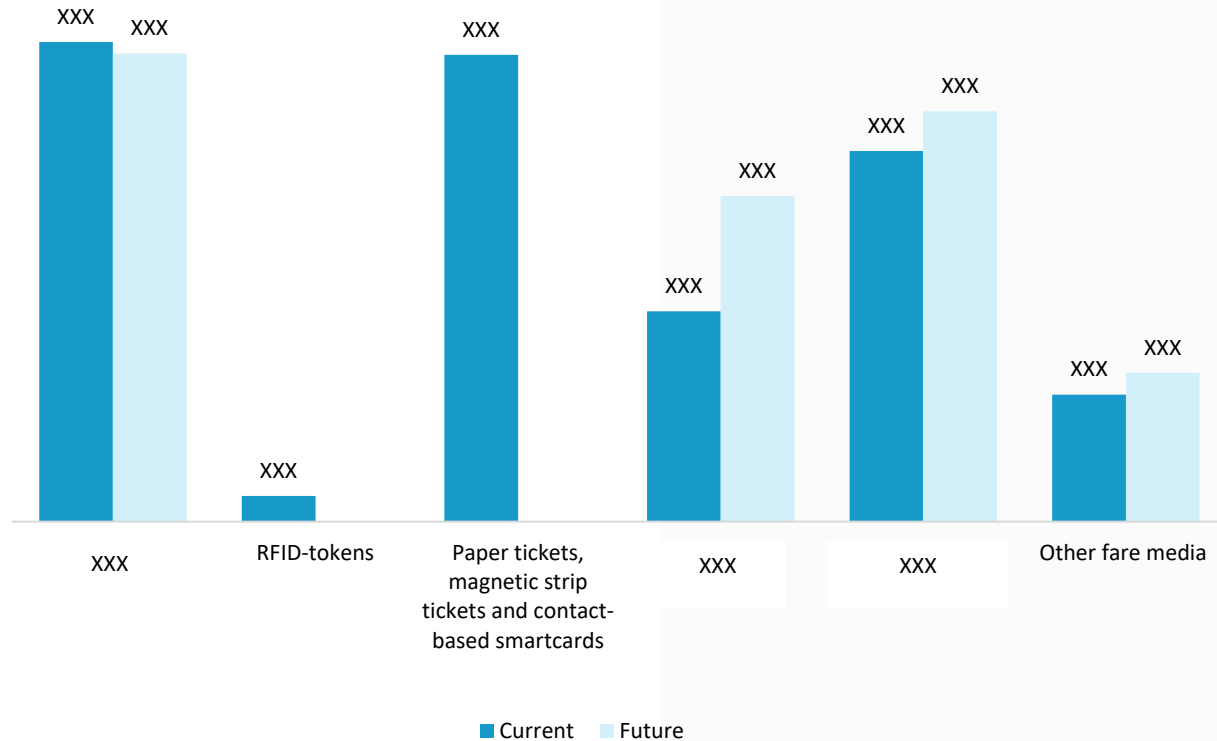


1.1.1 Overview of AFC systems in 500 Cities

Global Mass Transit Research has analysed existing and upcoming fare collection systems in 500 cities in 113 countries across the world. Of these, XXX

Region-wise spread of current and future deployments (no. of cities)



- XXX
- XXX
- Global Mass Transit Research estimates that the AFC market size will increase from USD9.39 billion in 2019 to nearly USD14.6 billion in 2026.
- XXX
- XXX
- XXX

1.1.5 Market size of AFC segment

AFC MARKET SIZE in 2019



USD9.39 billion

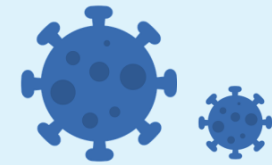
Y-o-Y GROWTH RATE
for 2019 is estimated at

XXX



COVID-19 situation resulted in **INCREASE** of AFC Market Size by

XXX



XXX%

of the growth will originate from

ASIA PACIFIC



XXX

will hold the **LARGEST** market size during the forecast period.



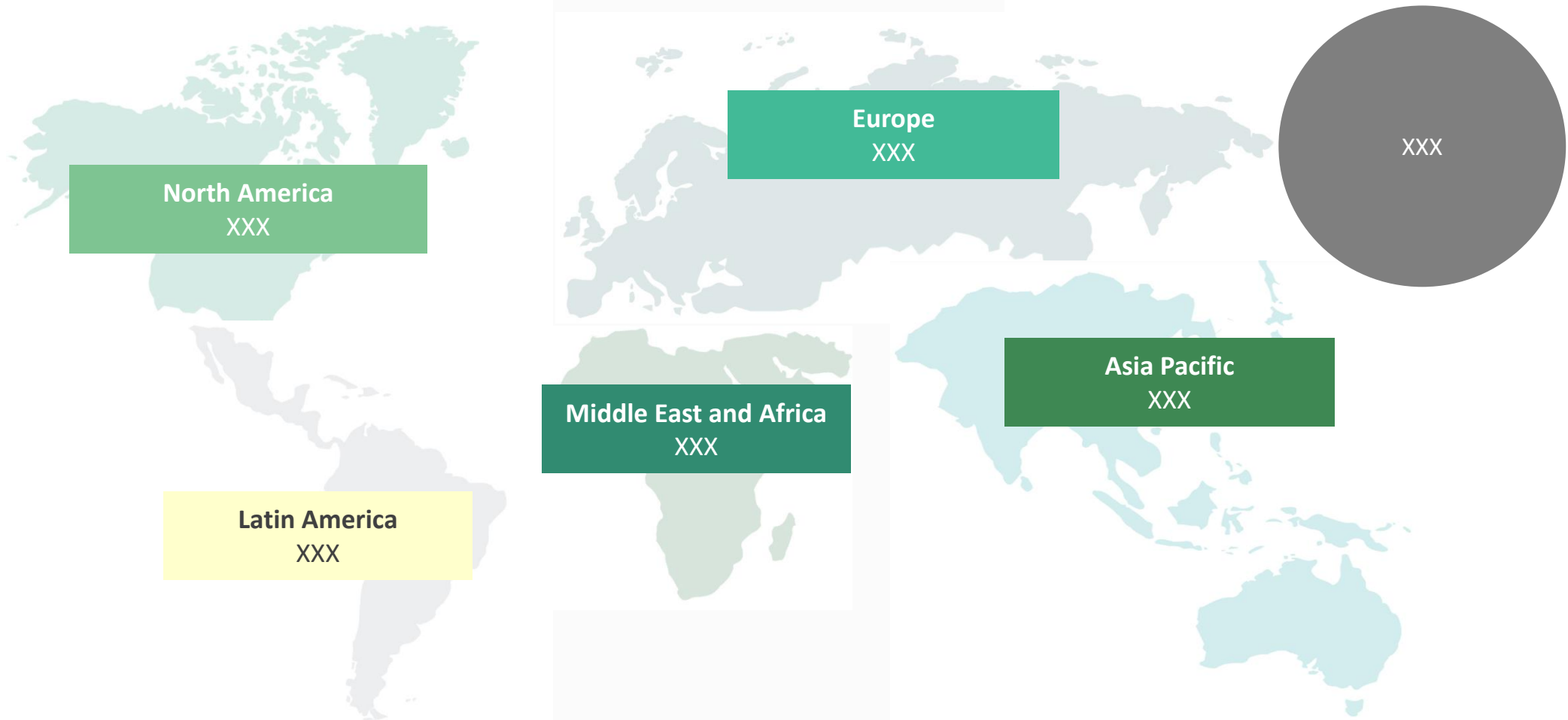
Market Growth will **ACCELERATE** at a CAGR of

XXX



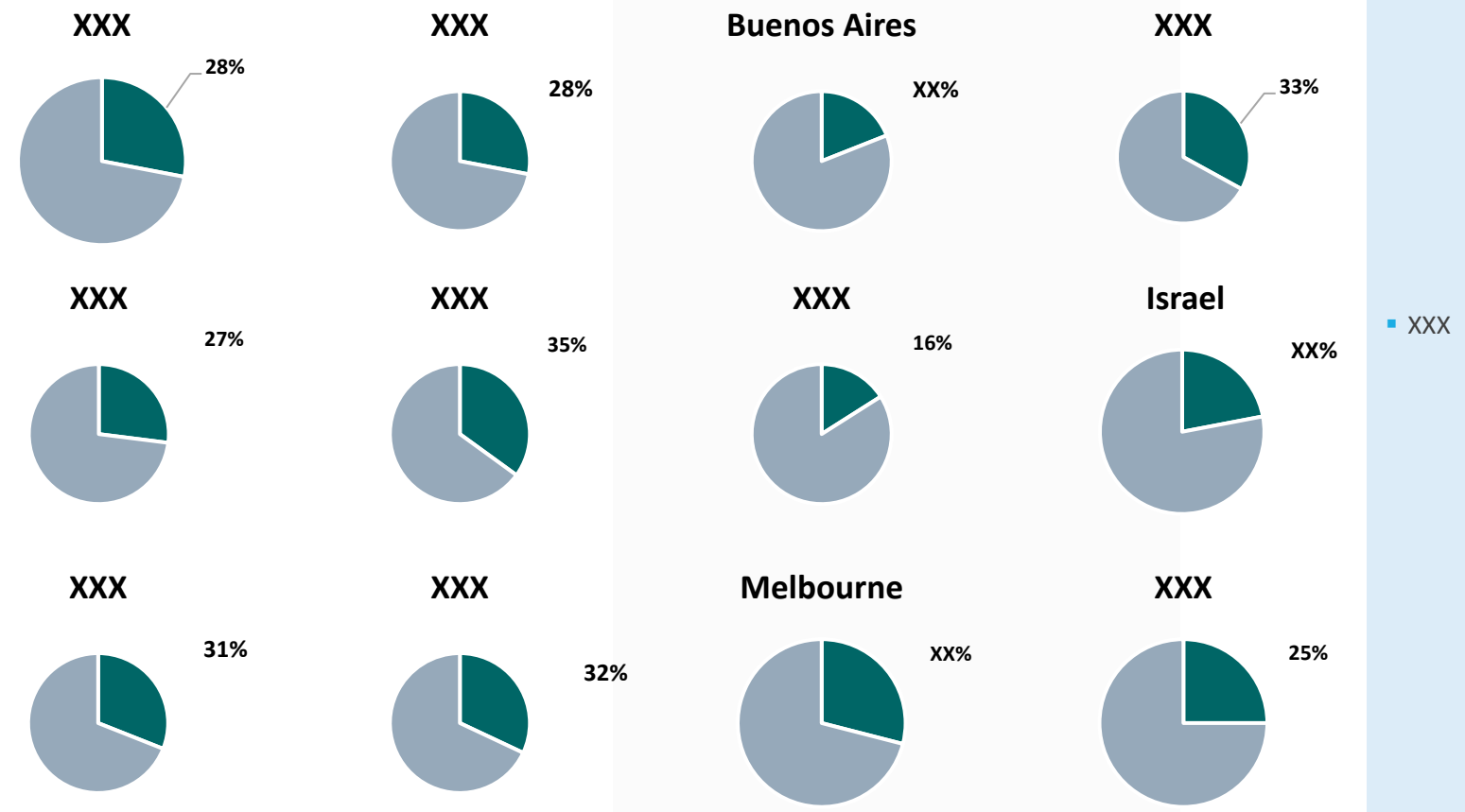
1.2.2 Impact on market size and growth of AFC

Global Mass Transit analyzed the impact of the COVID-19 pandemic on the transit ticketing industry for the period 2020-2026. The COVID-19 pandemic has a XXX impact on the current mobile ticketing market. The social-distancing norms currently in place due to the ongoing pandemic have spurred the widespread adoption of contactless payment technologies, which has resulted in an overall XXX in the AFC market size by **USDXXX** per year.



1.2.3 Spotlight on contactless payments

Share of respondents encouraging contactless payments to enhance public transport ridership



Source: Moovit

1.3.2 Recent contracts awarded (1/2)

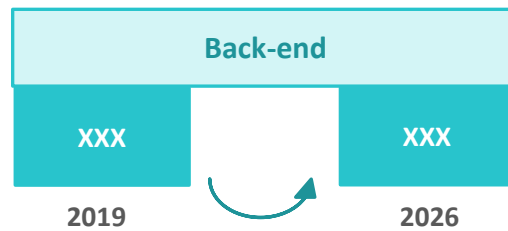
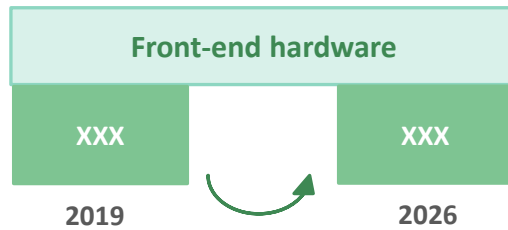
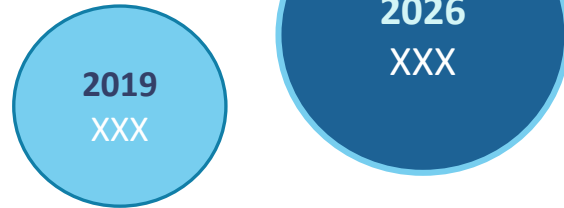
Recent contracts awarded

Country	City	Month/Year	Development
XXX	XXX	November 2020	XXX
United States	XXX	XXX	XXX
	XXX	XXX	XXX
	XXX	XXX	XXX
	Harris County	April 2021	The Metropolitan Transit Authority of Harris County (Houston METRO) partnered with Innovations in Transportation (INIT) to implement a contactless account-based ticketing (ABT) system to replace the current closed-loop ticketing system.
	XXX	XXX	XXX
	XXX	XXX	XXX

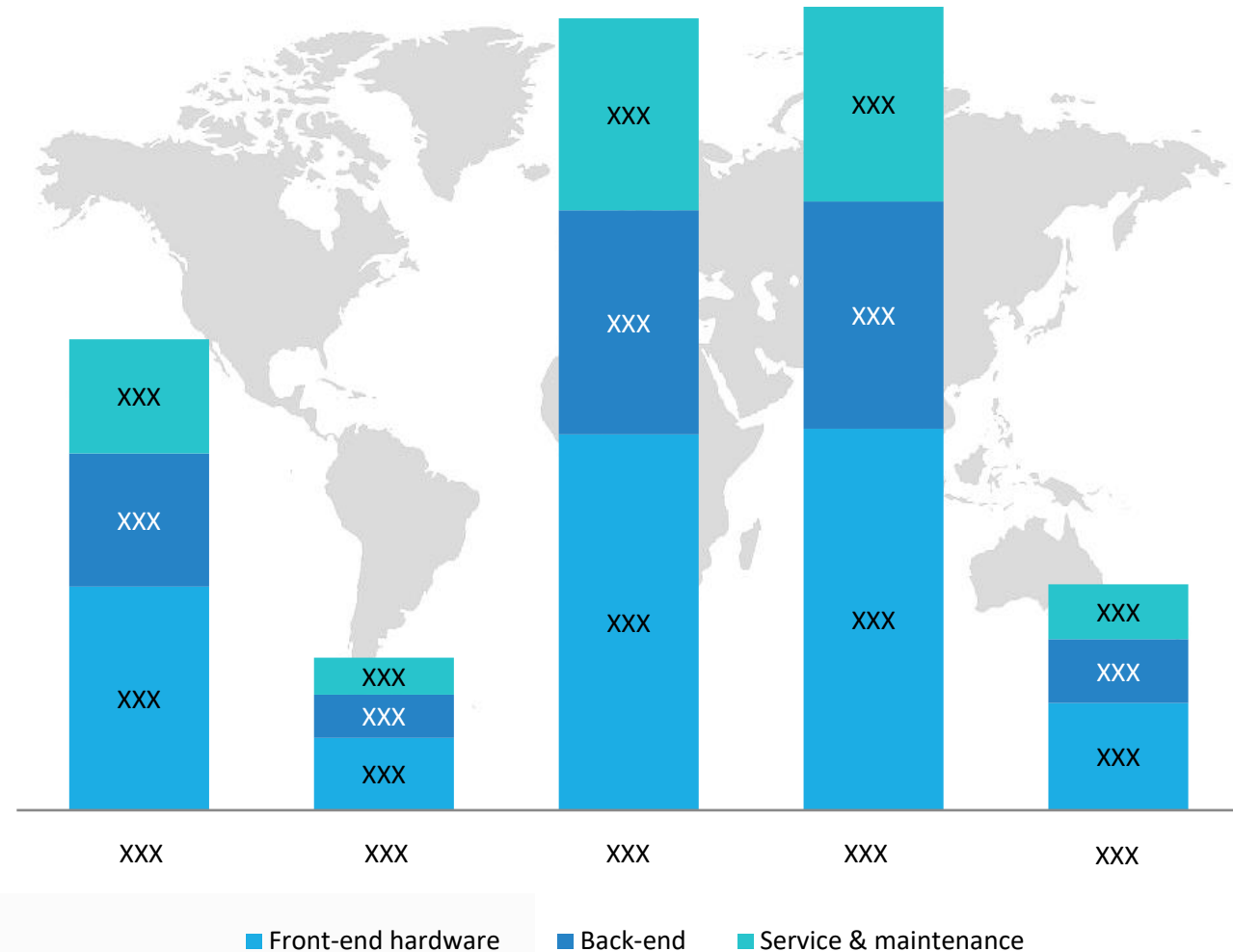
North America

1.4.2 Growth in AFC market (by sub-segment) by 2026

AFC Market Size



Market Size for the year 2026 by Sub-Segments (USD million)



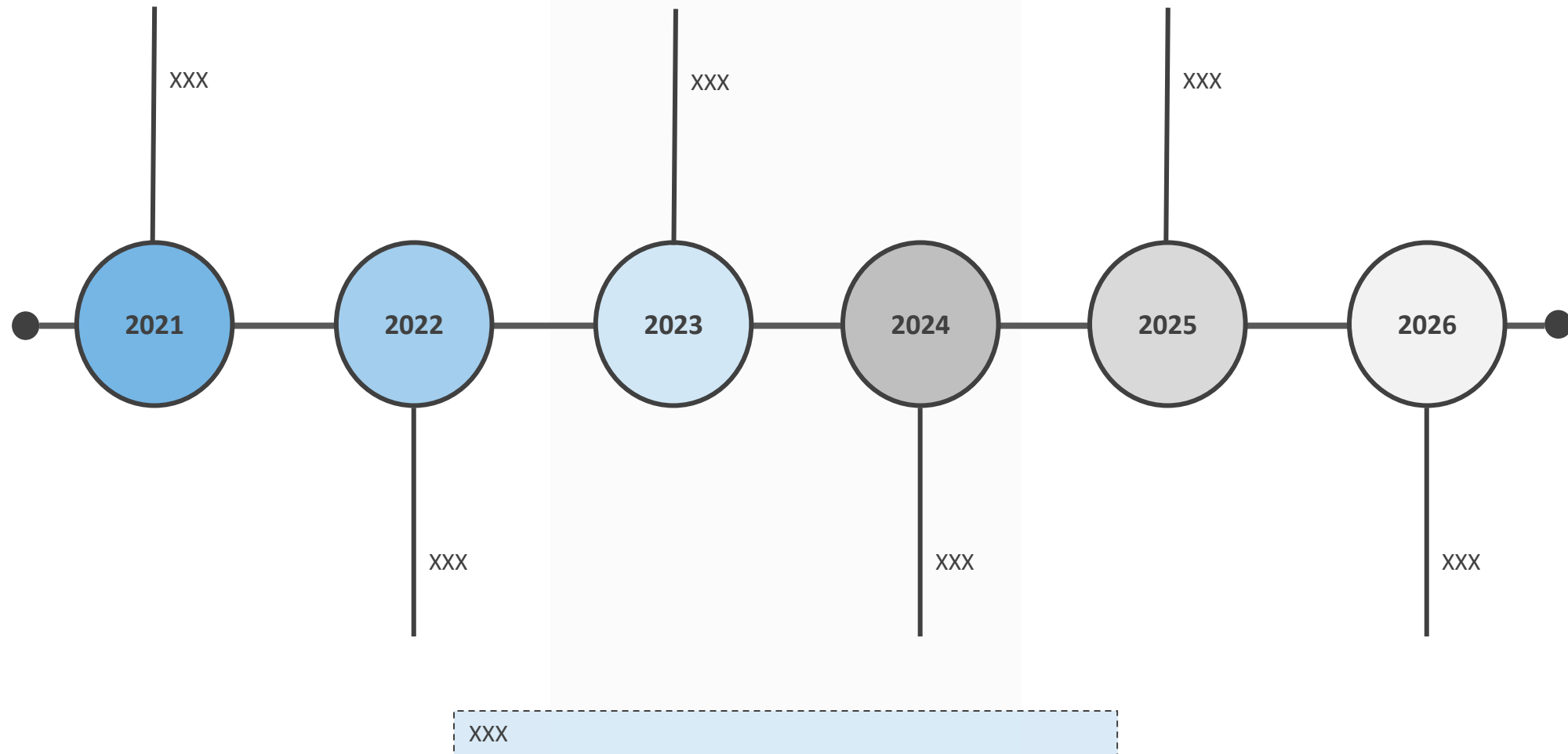
1.4.3 Future outlook and market opportunities (2/3)

Region-wise outlook for contactless payments towards 2026

Details	
North America	
Latin America	
Southeast and South Asia	
East Asia	
Oceania	
Europe	
Middle East	XXX
Africa	

1.4.6 Year-wise deployment of advanced fare media (by 2026) (1/2)

For the 500 cities covered in the report, the three years from 2021 to 2023 will see increased deployment of advanced fare media. The immediate future will see new systems and advanced fare media being put in place in XXX cities.



Note: Some cities has been repeated since different systems in those cities have new fare deployments in different years.

2.1.4 Contactless smartcards

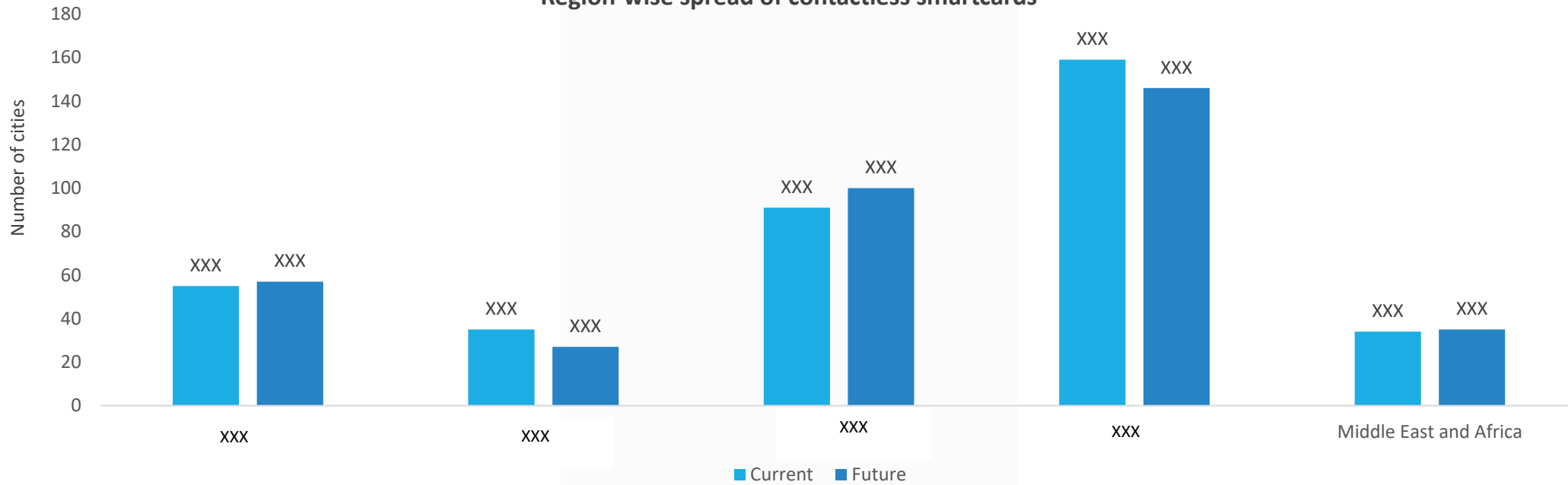
XXX

XXX

XXX

XXX

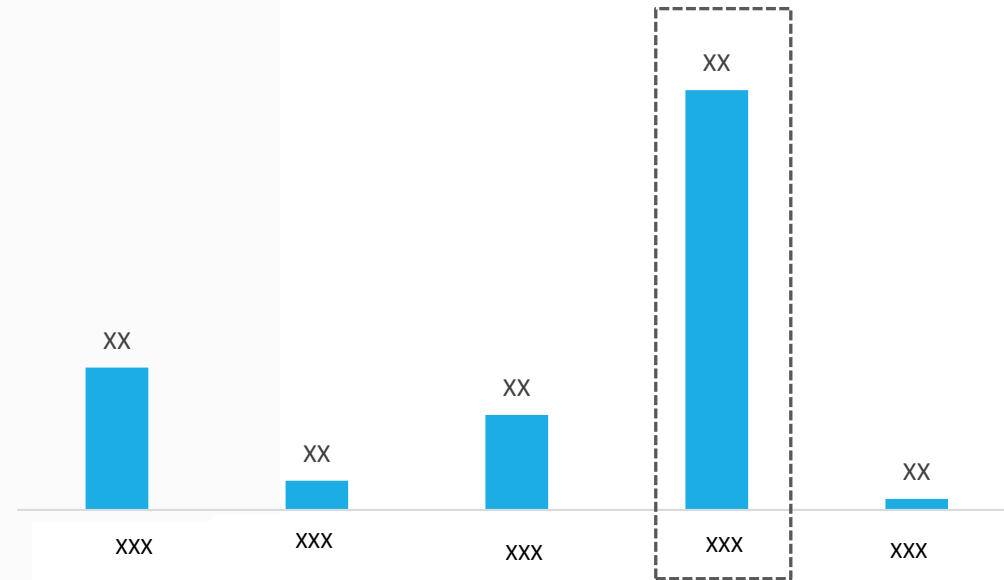
Region-wise spread of contactless smartcards



2.2.4 Ticketing for multiple modes, single operator (1/4)

- Cities where a single operator operates multiple modes, typically have a simple and integrated fare collection and management system. Ticketing is integrated with standard fare policies across the network being applied.
- XXX
- XXX
- XXX

Region-wise no. of cities with multiple modes operated by single operator



Cities with multiple modes operated by single operator

Region	Country	Cities	No. of cities
XXX	Canada	XXX	XXX
	XXX	XXX	32

2.3.4 Asia Pacific: Opportunities (2/2)

Cities with plans for fare media procurement

No. of cities deploying the fare media for the first time

Opportunities	No. of cities	No. of cities deploying the fare media for the first time
XXX	XXX	XX
XXX	XXX	XX
XXX	XXX	XX
XXX	XXX	XX
Digital wallets	XXX	XX

Asia Pacific to be a key market for XXX

- XXX
- XXX

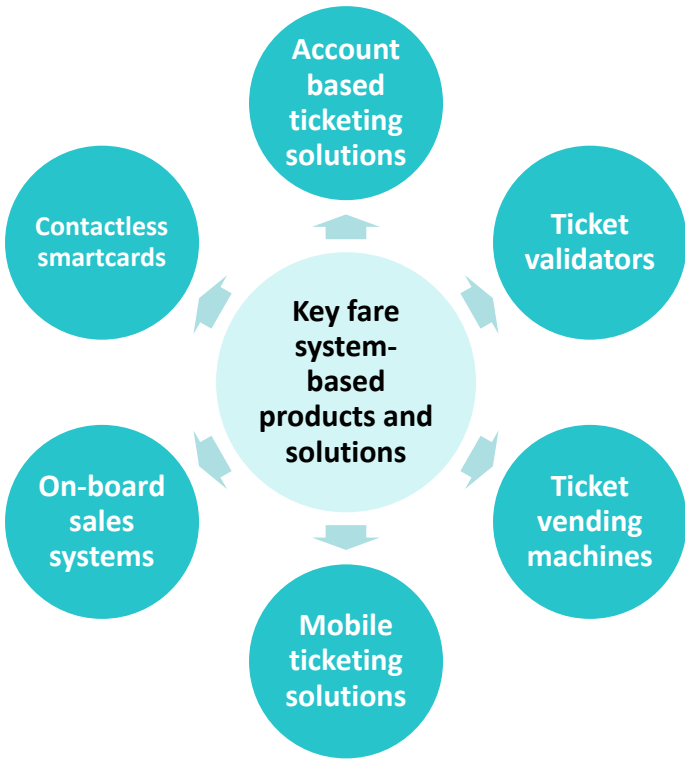
Spotlight on XXX

- XXX
- XXX

XXX to be driven by integration and XXX

- XXX
- XXX

2.4.2 Profiles of key players



- **AEP Ticketing Solutions** is an Italy-based developer of ticketing and fare collection systems for public transport. The company also provides pre-procurement consultancy, project management, training and system support services. A majority of the company’s products and services have been deployed in multiple cities in Italy and France. The company has also acquired **Monetics**, a specialist in electronic ticketing systems.

Key existing and upcoming locations of public transport ticketing projects

▪ Lens-Lievin-Hénin-Carvin-Béthune, France	▪ XXX	▪ XXX
▪ XXX	▪ Florence, Italy	▪ XXX
▪ XXX	▪ XXX	▪ XXX
▪ XXX	▪ XXX	▪ XXX

Recent contract awarded in Poland

- XXX