July 8th, 2019

From trials to deployment: 5G pilot Amsterdam

City of Amsterdam



Overview 5G in Amsterdam

5G PPP
Trials Roadmap

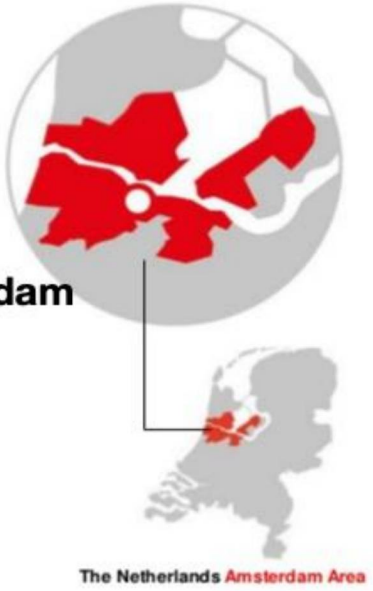


Amsterdam

Pilots:



Metropolitan Region Amsterdam



5G in Amsterdam



5G Fieldlab

5G MRA

Trials Roadmap

5G Pilot in Amsterdam

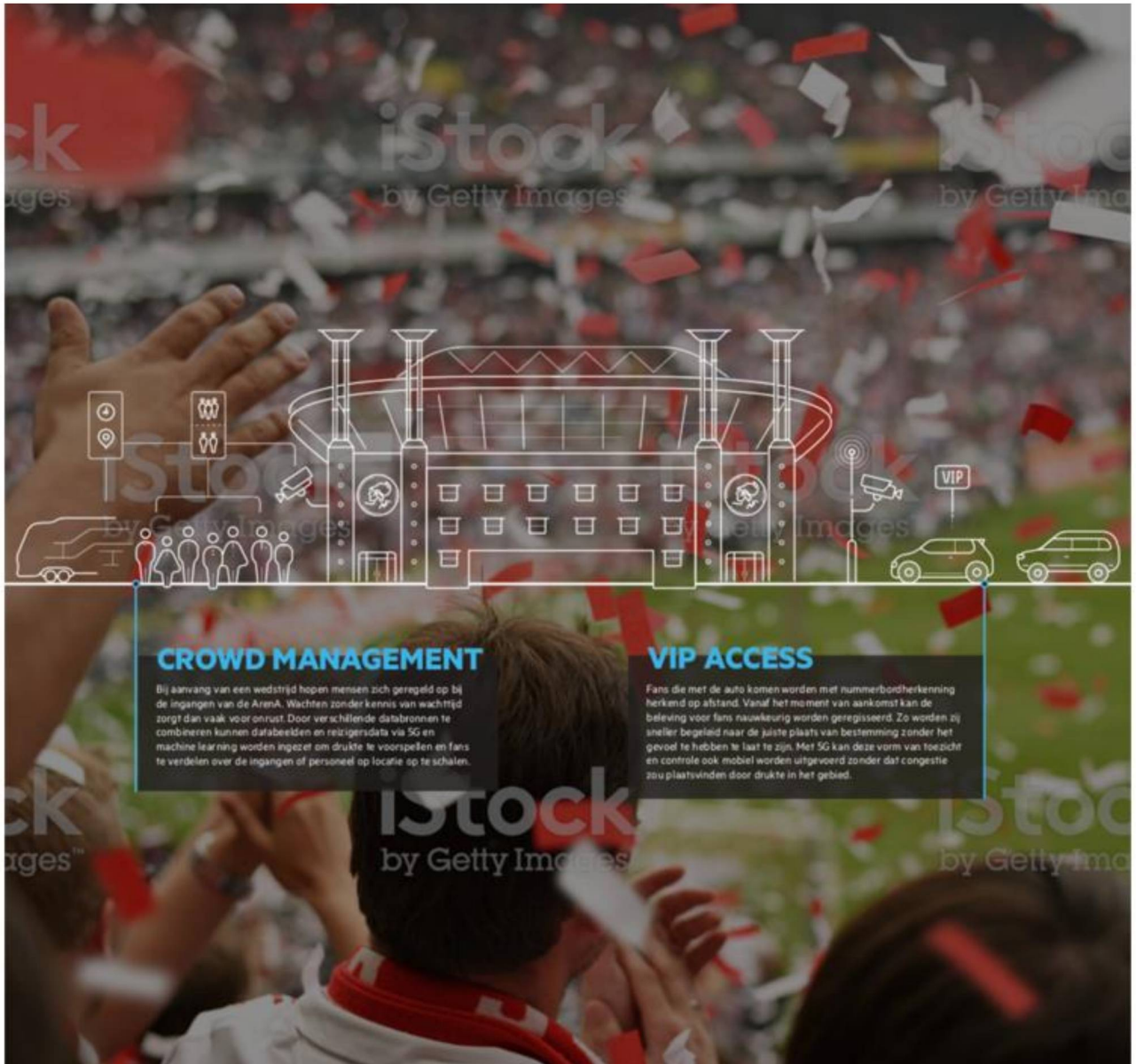
Started: April 2018



Bron: google maps

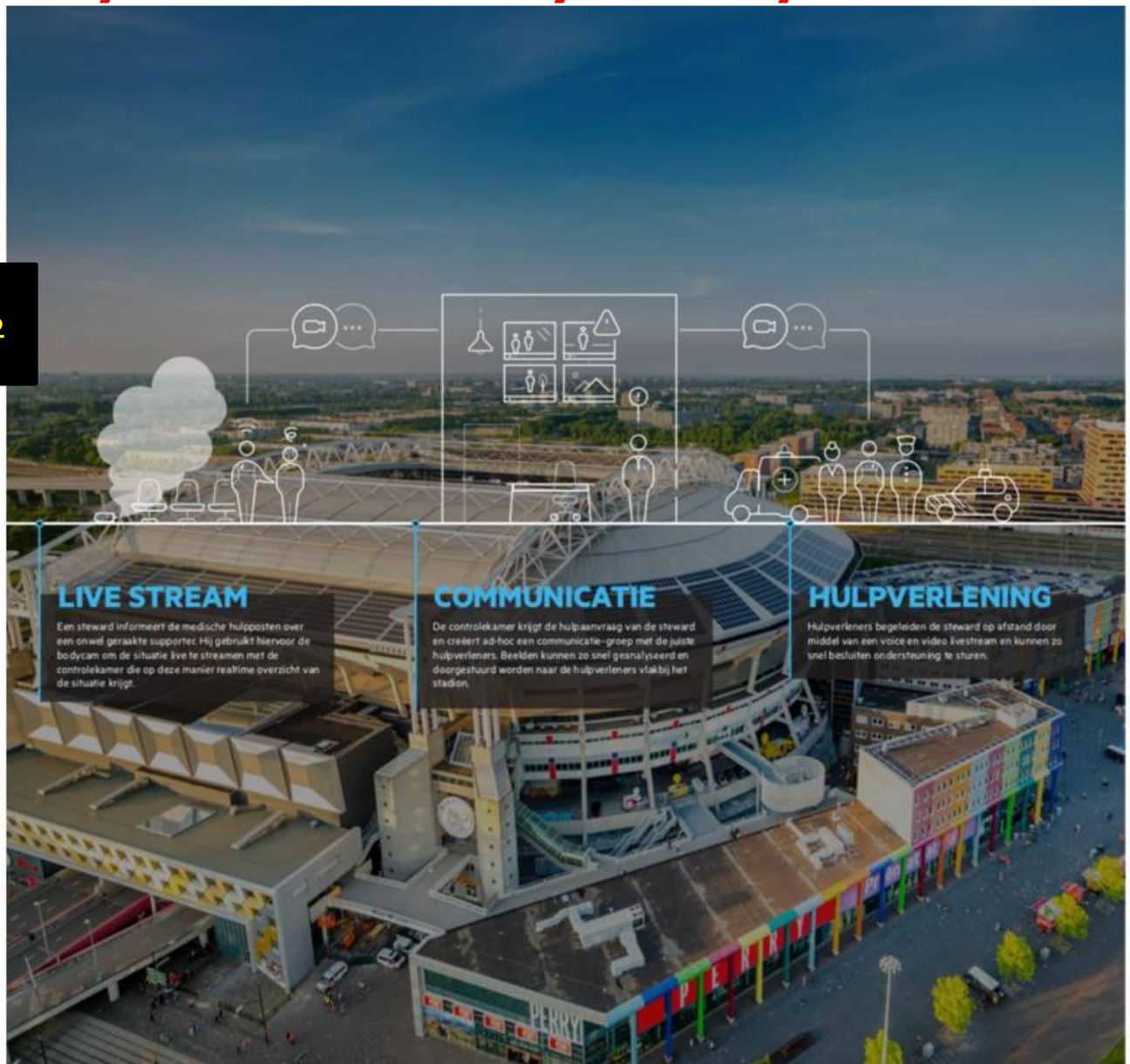
Fan Experience: Crowd Control

Use Case 1



Safety and Securtiy: Bodycams

Use Case 2



5G for citizens

Use Case 3



5G Fieldlab South East in Amsterdam

Video content

5G Fieldlab















5G Fieldlab









3,5 GHz band



40 bandwidth





Menu

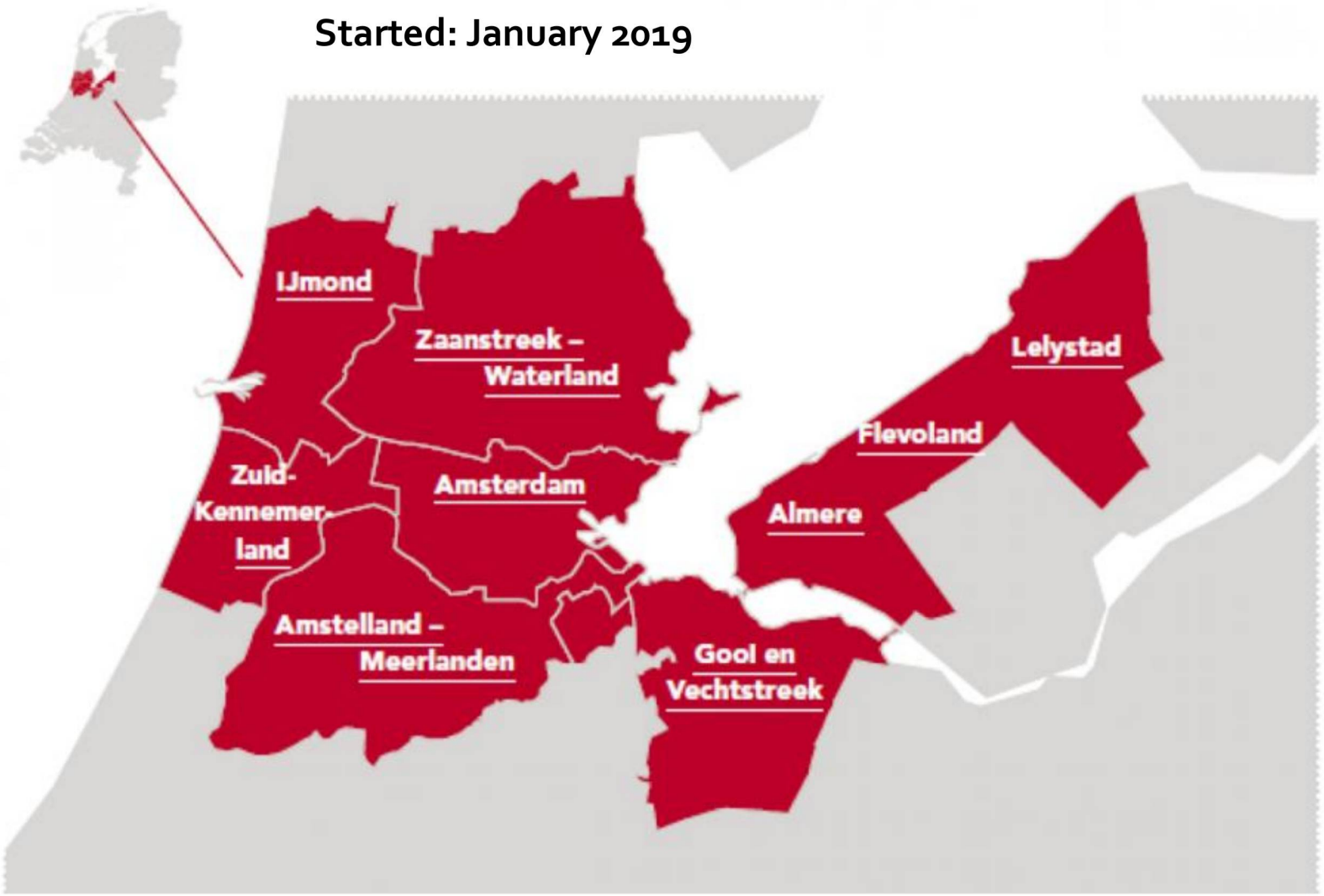
5G Fieldlab

5G MRA

Trials Roadmap

5G Metropool Regio Amsterdam

Started: January 2019



Bron: Amsterdamsfondsvoordekunst

Menu

- 5G Fieldlab
- 5G MRA
- European Trial

EC GIVES BOOST TO 5G INTRODUCTION

5G FOR EUROPE ACTION PLAN launched on 14 SEPTEMBER 2016

EUROPEAN COMMISSION



Brussels, 14.9.2016
COM(2016) 588 final

- 5G commercially available in **at least one major city** in every **EU member state** by end **2020**.

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS

5G for Europe: An Action Plan

{SWD(2016) 306 final}

5G PPP Trials EURO2020: Roadmap

Started: January 2018

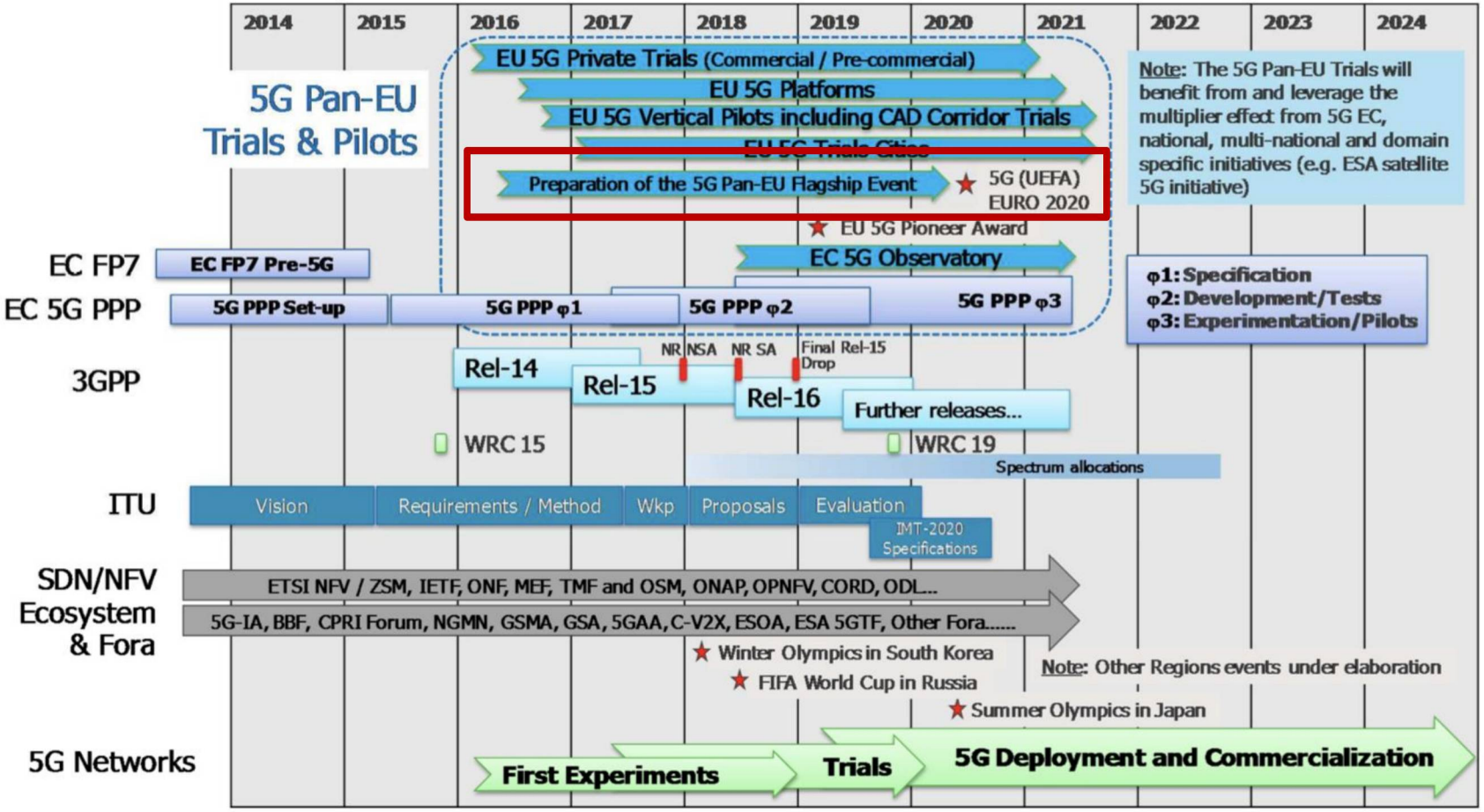


Figure 1: 5G Pan-EU Trials Roadmap – Time Plan

Bron: 5G PPP TrialsRoadmap Version 4.0

5G PPP Trials EURO2020: Cities involved



Cities involved

- Dublin
- Amsterdam
- Rome

There are 12 host cities for UEFA EURO 2020
©UEFA.com

5G PPP Trials EURO2020: use cases

Mobility as a Service 5G



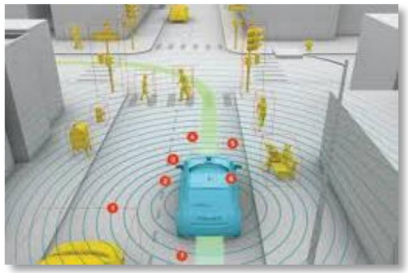
- Mobility as a Service

Public Safety and Emergency



- Bodycams
- Safety and Security

Fan Experience



- Fan zones
- Fan experience

Source: Vodafone 3GPP SA1 contribution



See you in Barcelona

Amsterdam

July 8th. 2019

City ofAmsterdam