

5GCity 


A DISTRIBUTED
CLOUD & RADIO
PLATFORM FOR
5G NEUTRAL
HOSTS



**OSM#8
MEETING**

18-22 NOVEMBER 2019

**8TH OSM
HACKFEST**

18-22 NOVEMBER 2019

5GDAY

20 NOVEMBER 2019



5GCity Welcomes You in Lucca, OSMers!



5GCity project, a large collaboration of industries

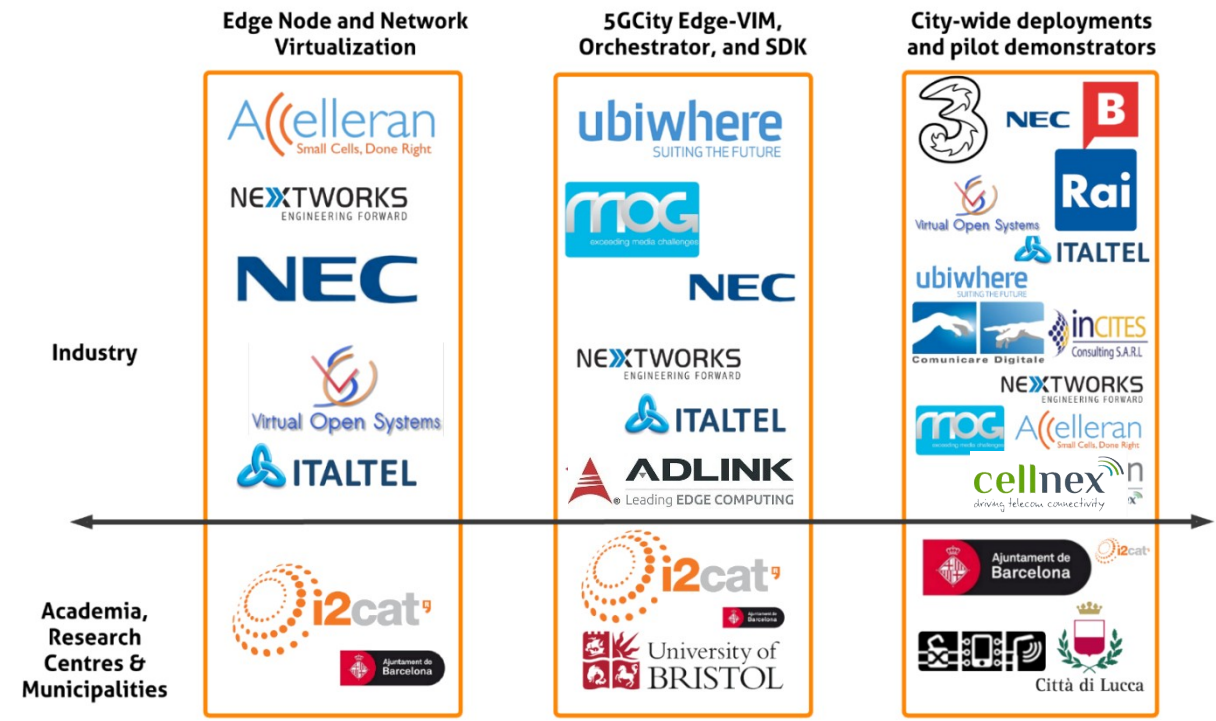


5G PPP Phase 2 Innovation Action

- i2CAT (PC) & NXW (TM)
- 34 months Duration (2017-20)
- 18 partners from 7 EU countries



Research



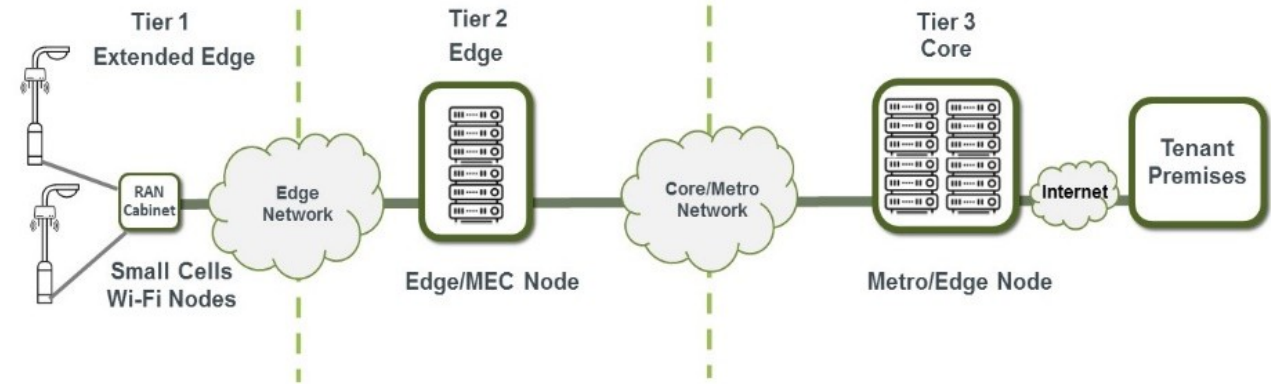
What 5GCity is doing



Design, develop, deploy and demonstrate a distributed cloud and radio platform for municipalities acting as

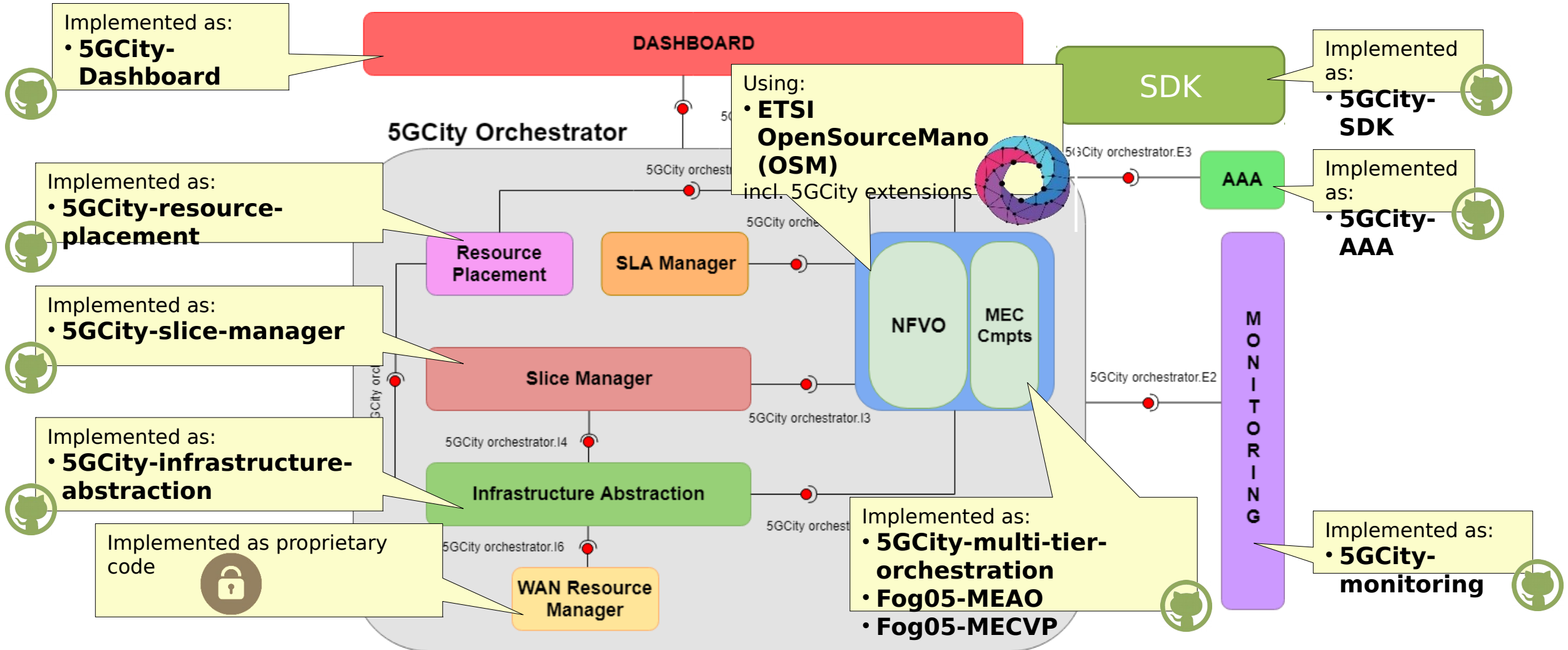
5G neutral hosts

Live pilot trials in 3 cities:
Barcelona (ES) - Bristol (UK) - Lucca (IT)

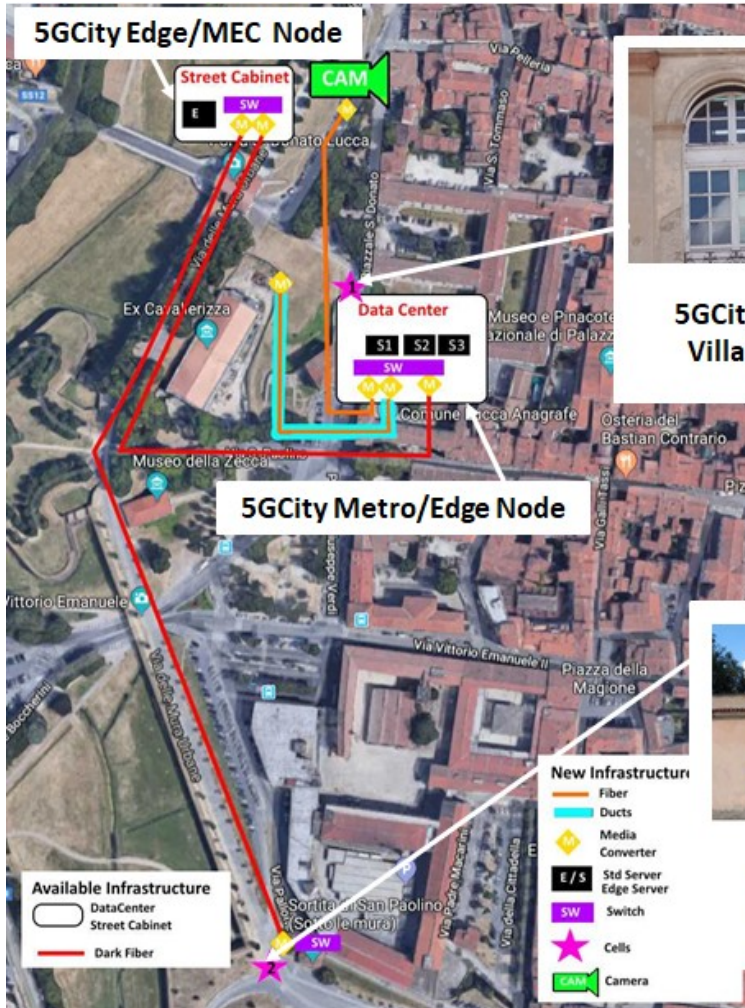


| UC ID | Use Case | City | | |
|-------|--|------|-----|-------|
| | | BCN | BRS | Lucca |
| UC1 | Unauthorized Waste Dumping Prevention | | | 🌐 |
| UC2 | Neutral Host | 🌐 | 🌐 | 🌐 |
| UC3 | Video Acquisition and Production + Community media engagement in live events | 🌐 | 🌐 | |
| UC4 | UHD Video Distribution Immersive Services | | 🌐 | 🌐 |
| UC5 | Mobile Backpack Unit for Real-time Transmission | 🌐 | | |
| UC6 | Cooperative, Connected and Automated Mobility (CCAM) | 🌐 | | |

5GCity Platform high level architecture



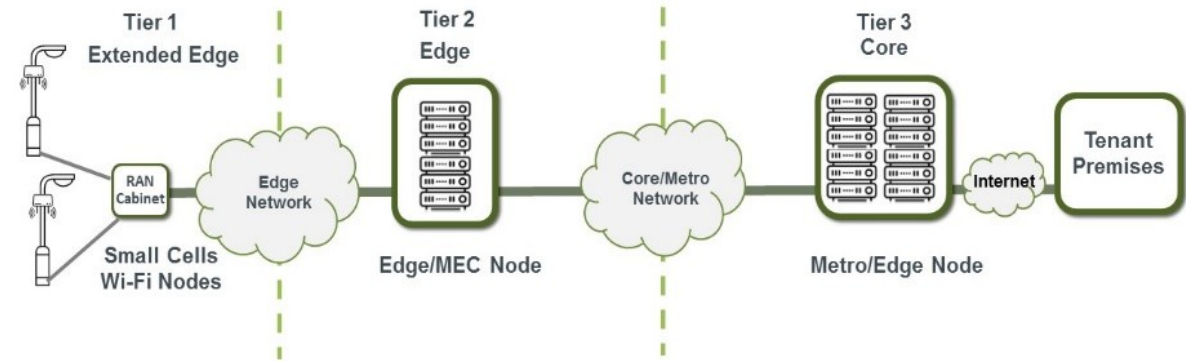
Live in-street pilot trials – e.g. City of Lucca



5GCity Small Cell 1 Villa San Paolino



5GCity Small Cell 2 Sortita San Paolino



Program of this week

5GCity



Plenary Meeting
18-19 Nov

5GCity HACKATHON LUCCA
21-22 NOVEMBER 2019



HACK THE 5GCITY: A NEW ERA OF CITY SERVICES ON 5G

Project Funded
 
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 701502

5GCity
www.5gcity.eu
 @5gcity

5GCity Consortium

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CO-LOCATED WITH
ETSI-OSM#8 HACKFEST
18-22 NOVEMBER 2019



Open Source
MANO

OSM#8 MEETING

18-22 NOVEMBER 2019



Open Source
MANO

8TH OSM HACKFEST

18-22 NOVEMBER 2019

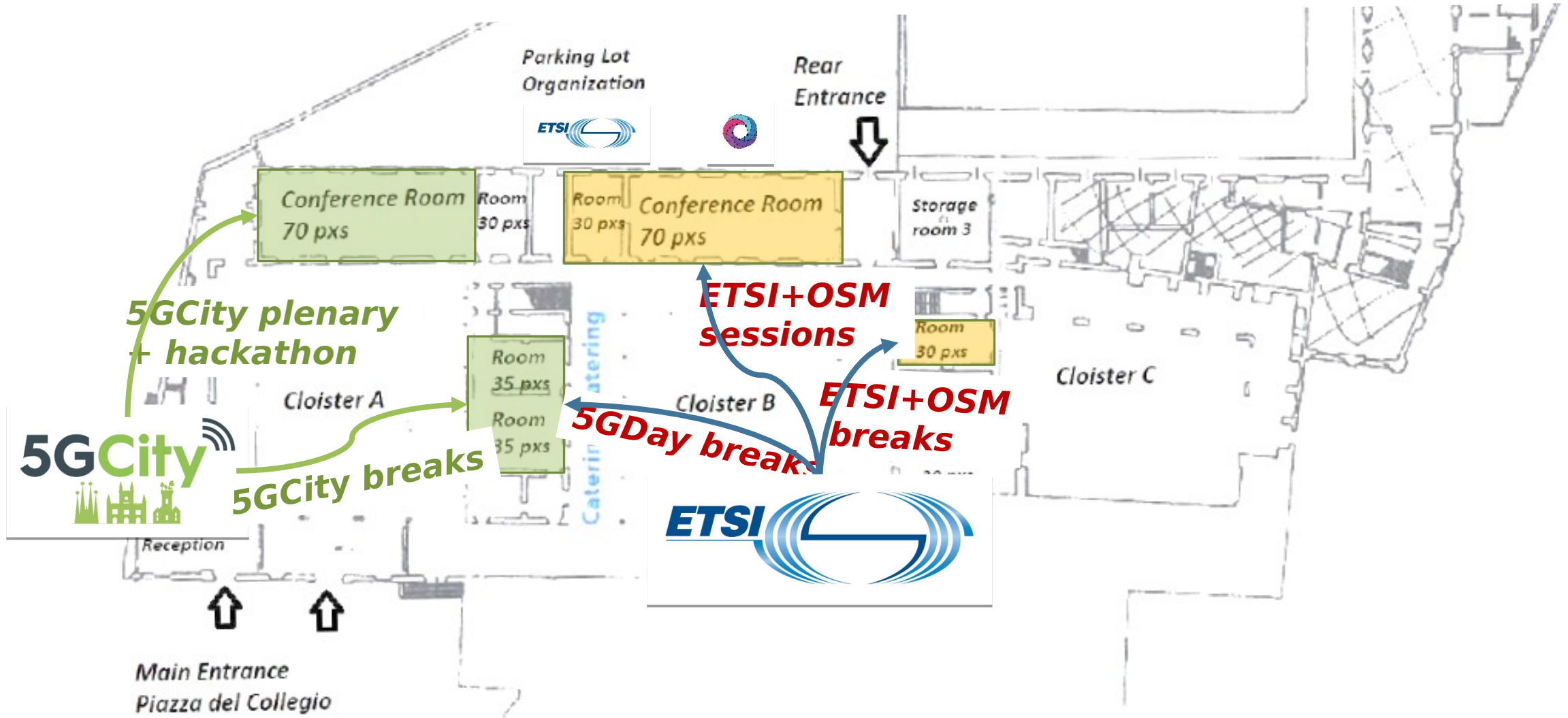


Open Source
MANO

5GDAY

20 NOVEMBER 2019

Areas



High level agendas



| ROOM | Mon 18th Nov | Tue 19th Nov | Wed 20th N ov | Thu 21st N ov | Fri 22nd N ov |
|----------------|--|--|--|--|--|
| ROOM 5GCity | 5GCity Plenary hrs. 9.00- 18.00 | 5GCity Plenary hrs. 9.00- 16.30 | <i>5GCity hackathon preparation</i> hrs. 9.00-18.00 | 5GCity hackathon hrs. 9.00- 18.00 | 5GCity hackathon hrs. 9.00- 15.00 |
| ROOM OSM | <i>Hackfest setup</i> hrs. 8.30-13.00 | OSM Hackfest hrs. 9.00- 18.00 | OSM Hackfest hrs. 9.00-13.00 | OSM Hackfest hrs. 9.00- 18.00 | OSM Hackfest hrs. 9.00- 13.00 |
| | OSM Hackfest hrs. 14.00- 18.00 | | 5GDay hrs. 14.00- 18.00 | | |
| ROOM | OSM 8th Tech | OSM 8th | OSM 8th | OSM 8th | OSM 8th Tech |

Groups intersections

On Technical program

- Wed 20th hrs. 14.00-18.00 **5GDay within OSM hackfest**
 - 5GCity presentation **Orchestration of 5GCity edge computing with OSM: pilot trials and lessons learnt**
 - Chair summary round-table discussion of the 5GDay

Networking occasions

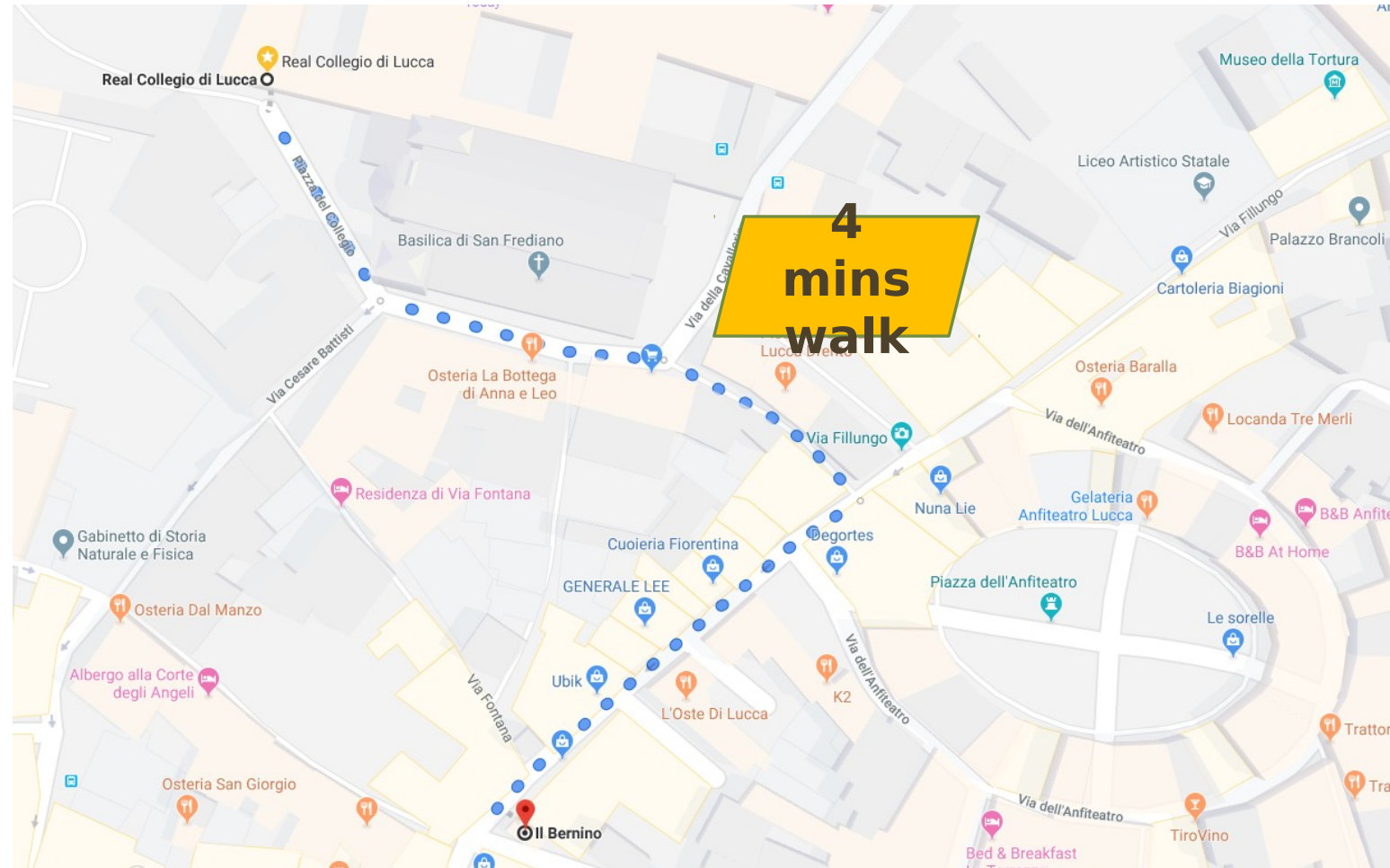
- Wed 20th hrs. 16.00 **Joint coffee break at 5GDay**
- Wed 20th hrs. 19.30 **Networking Cocktail Dinner**
Il Bernino - Restaurant & Cafè



Pathway to Networking cocktail



- **Wed 20th hrs. 19.30**
- **Il Bernino - Restaurant & Cafè**
 - Address: Via Fillungo, 86, 55100 Lucca
 - Ph: +39 0583 171 3413



A DISTRIBUTED CLOUD & RADIO PLATFORM FOR 5G NEUTRAL HOSTS

Thank you!



www.5gcity.eu



info@5gcity.com



[@5GCity](https://twitter.com/5GCity)



<https://www.linkedin.com/groups/8607896>



<https://www.youtube.com/channel/UCqakofF2vjTdyEihpadfvLQ>

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