

Unit EMBRAPII - CPqD

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Vice-President R&D
Coordinator Unit EMBRAPII - CPqD

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CPqD Technology Innovation Specialist



CPqD in numbers

41 years old

Area: **360.000** square meters

1.009 employees

365 with post-graduate degree

540 with college degree

104 with high school degree

330 national patents applications

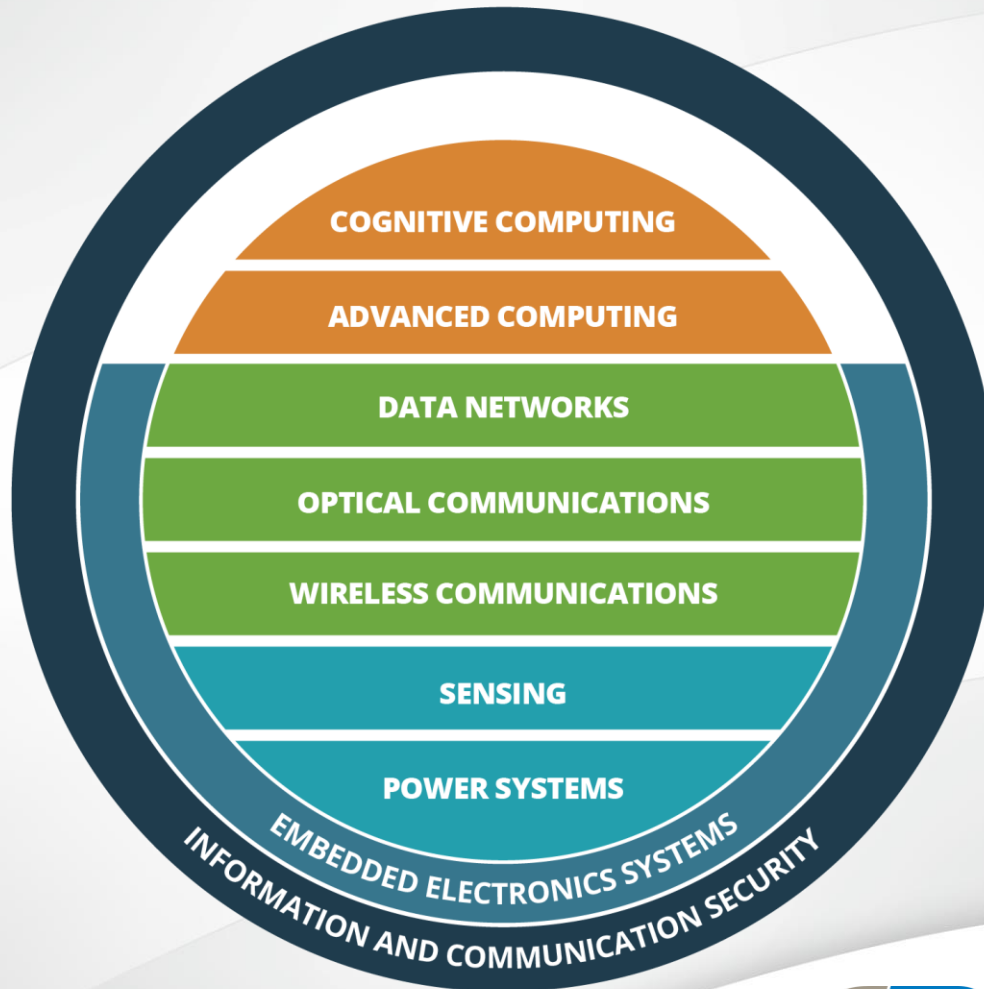
202 international patents applications

Over **300** customers

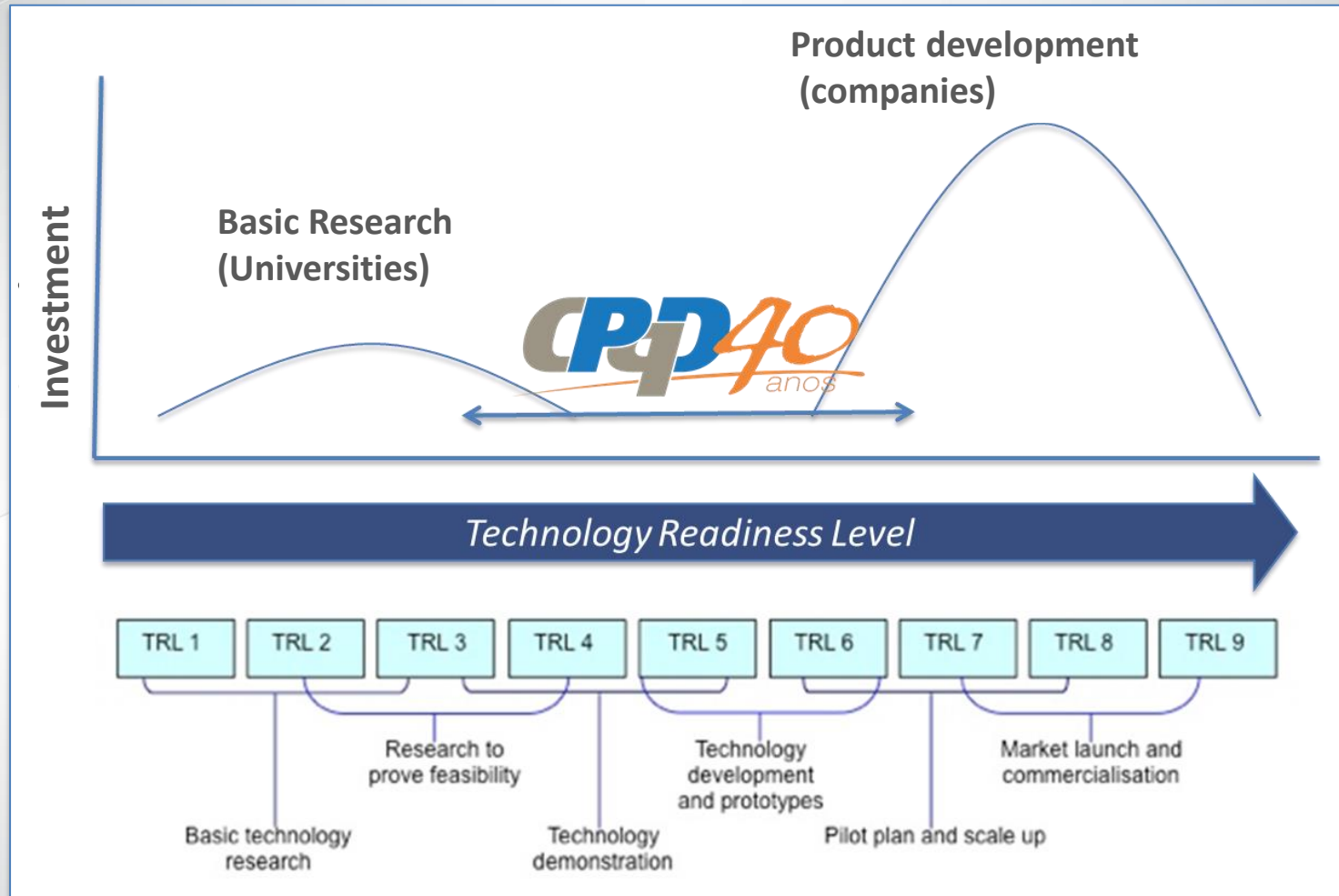
Since **2014** is a EMBRAPII Unit



CPqD's Technology Platforms



Innovation Model



EMBRAPII/Brazil and Newton Fund/UK: CityZen

Project: CityZen (Connecting the city to citizens)

CPqD : Unit EMBRAPPII – CPqD

Temas: Health, Smart Cities

Project CityZen aims to develop innovative ways to deliver city-based health and well-being services for older citizens. The project will engage directly with older citizens and policy-makers from Campinas and São Paulo to develop a novel, citizen-centric digital platform that matches the needs of older people with responsive products and services provided by the cities, whilst protecting user data privacy and security.

For policy makers, CityZen will create an enhanced set of data analysis tools to enable a new, user-centric view of user demands combined with advanced location analysis leading to greater efficiency and resource deployment.

The project started in February, 2018.

Support Letters: Campinas City Hall/IMA, APM, São Paulo City Hall



Horizon 2020: 3 approved projects in 2017

- *Proposta*

5G for Remote Areas

- *Consórcio Brasileiro*

INATEL, USP, UnB, CPqD, UFC, Ericsson

- *Consórcio Europeu*

TUD – Technische Universität Dresden, Oulu University,
Carlos III University, Telefónica



- *Proposta*

NECOS – Novel Enablers for Cloud Slicing
Infraestrutura de cloud com recursos para redes SDN, NFV

- *Consórcio Brasileiro*

Unicamp, UFSCAR, UFU, UFG, UFPA, UFRN, CPqD,
Lenovo, Trópico

- *Consórcio Europeu*

UCL – Univ. College London, IBM Israel,
TID – Telefónica Investigación Y Desarrollo,
UPC – Universitat Politècnica de Catalunya



- *Proposta*

OCARIOt: smart childhood Obesity CARing solution using IoT Potential

- *Consórcio Brasileiro*

Unifor, USP, DISRUPT, CPqD, Instituto NUTES

- *Consórcio Europeu*

TECNALIA, Politécnica de Madrid, CErTH, UnParallel,
Boadilla del Monte Madrid Scholl, Servicio Madrileño de Salud, EA



STRATEGIC *COMMITMENT*



Thank you!

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