



# USING THE SCIROCCO TOOL PUGLIA - ITALY

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# Puglia Region

- 4,1 millions population
- 40% Chronic patients
- 21% over 65yrs



**Southern  
Italy**

# 1. COMPREHENSIVE HOSPITAL NETWORK

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5

Second Level  
Hospitals

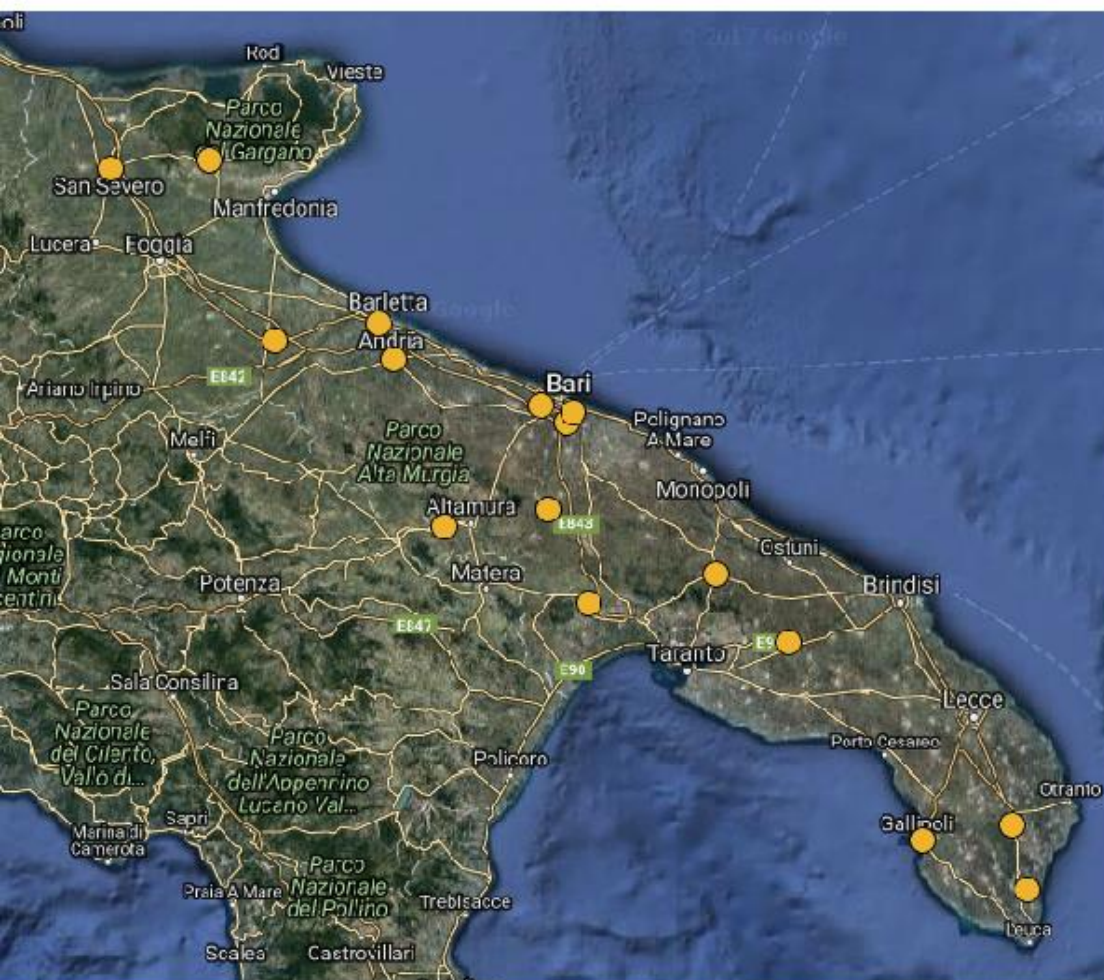
average

825 beds



# 1. COMPREHENSIVE HOSPITAL NETWORK

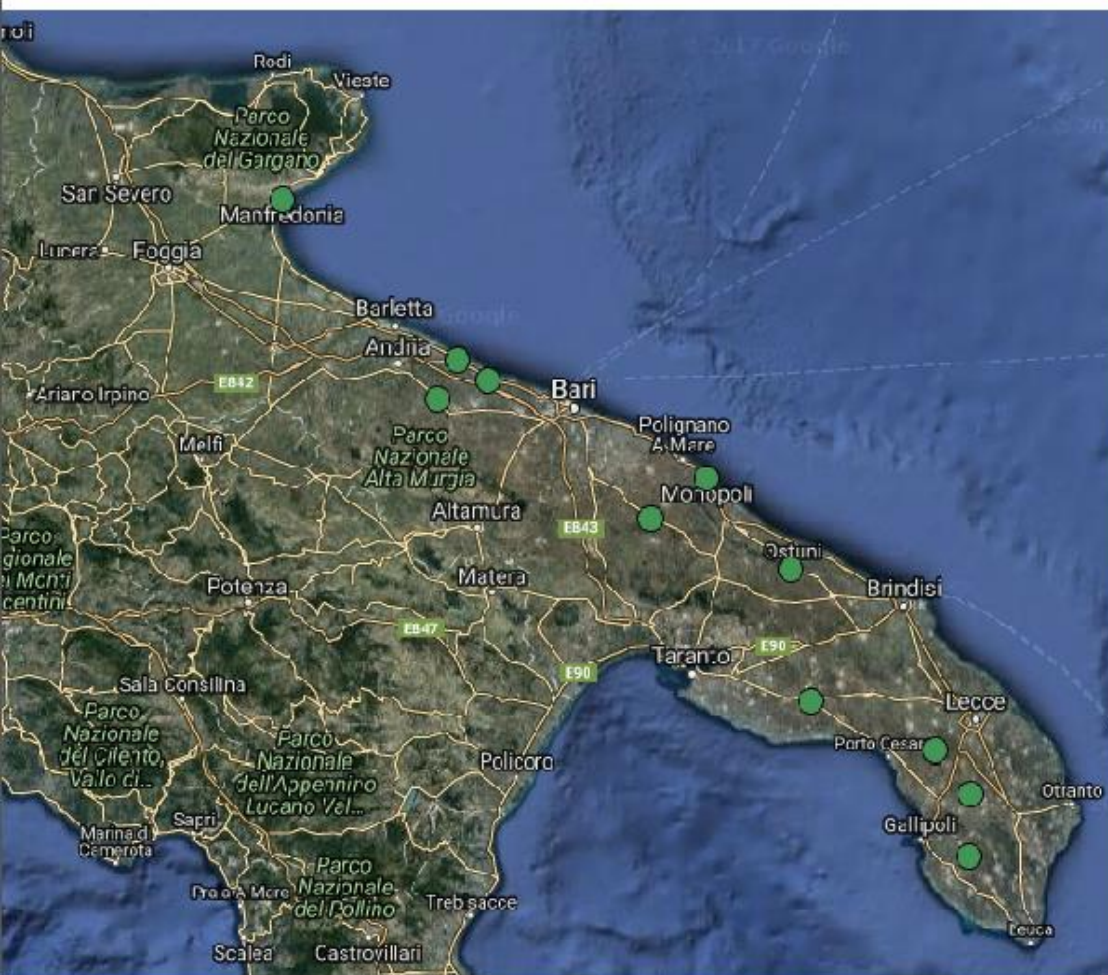
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16  
First Level  
Hospitals  
  
average  
299 beds

# 1. COMPREHENSIVE HOSPITAL NETWORK

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12  
Basic  
Hospitals  
  
average  
127 beds



## 2. INTEGRATED HEALTH COMMUNITY CENTERS (PTA)



- 31 PTA (Presidi Territoriali di Assistenza)
- Most of them once (2010 e 2016) were hospitals
- PTA is not a “box full of things”
- ...but a center of integrated healthcare service

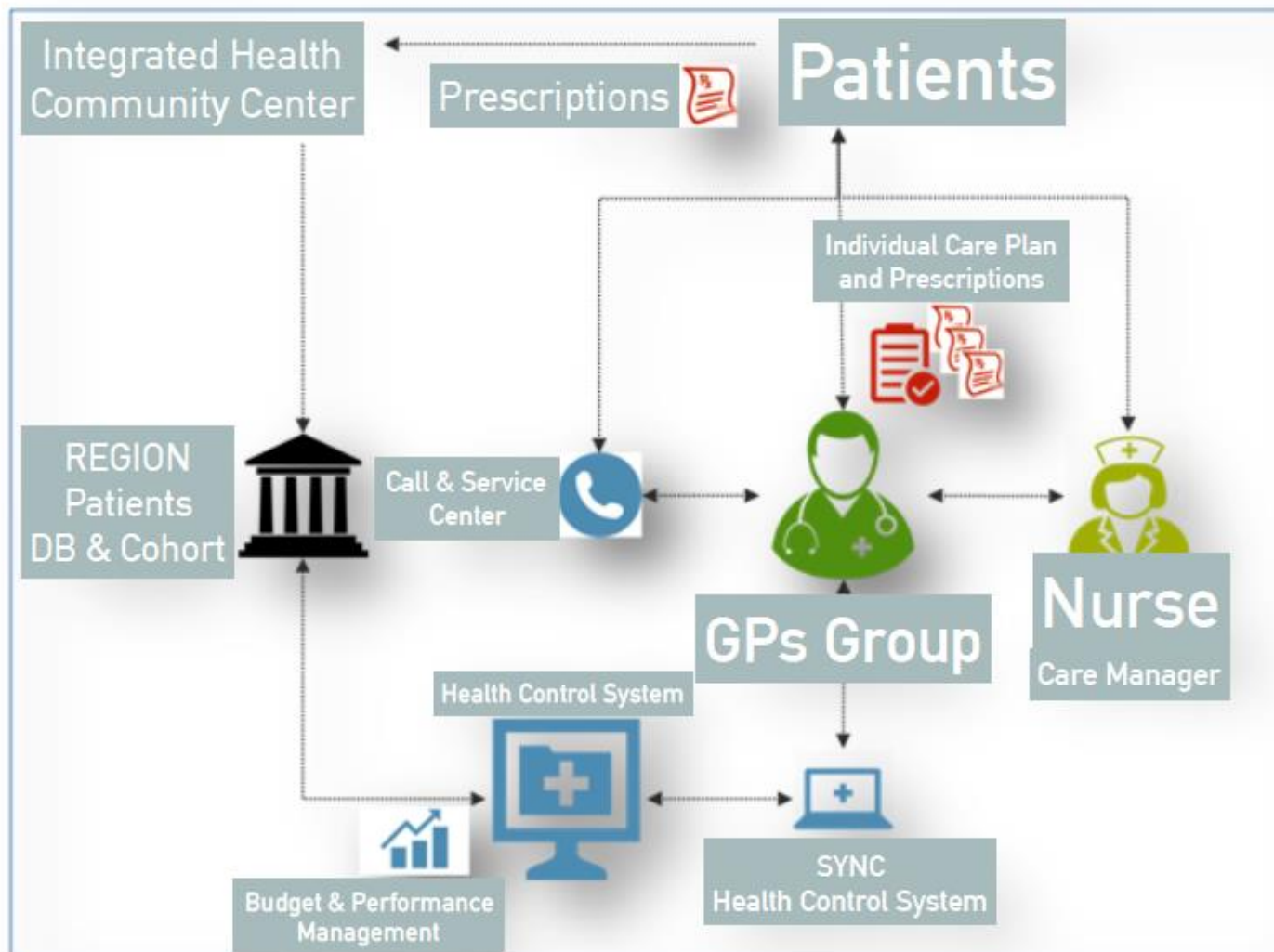
## 2. INTEGRATED HEALTH COMMUNITY CENTERS (PTA)

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- *Patient Information and Orientation*
- *Primary Care and GPs associated*
- *Ambulatory Care and Outpatient Surgery*
- *Bioimaging and Diagnostics*
- *Dyalisis Center*
- *Prevention and Vaccination Services*
- *Rehabilitation Services and Accommodation*
- *Health Community Housing (hospice, disability, senior)*
- *Family Counselling and Maternal Services*
- *Psychiatric services and housing*

### 3. CARE PUGLIA FOR CHRONIC PATIENTS: THE MODEL

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# GOOD PRACTICES: CKD INTEGRATED CARE

## Key Innovative Elements

- CKD integrated-care is a platform with an **e-learning environment, with edu-games** for the empowerment of the general population
- **a business intelligence tool on board** for the **early identification of CKD patients** through the analysis of clinical pathology data
- **efficient clinical information management** infrastructure inspired by home living design and fully equipped with telemonitoring system audio-video connection between patients, nurses and nephrologists
- **empowerment of the patient** and caregiver through a social network and e-learning system:  
**patient trained to self perform dialysis treatment.**

# Challenges Addressed

- ▶ **Ageing of population** and the related increased prevalence of chronic degenerative diseases (empowerment and ICT support System).
- ▶ **Early detection** (*rate of progression of CKD reduced by 10% costs, leads to savings in health spending of 2.5 billion euros in 5 ys*).
- ▶ **De-hospitalization.**
- ▶ **Marginalization** of the most vulnerable people.
- ▶ **Improve access to healthcare:** better care, less costs, care training (professionals) , client empowerment.
- ▶ **Social and healthcare integration.**

# Transferability

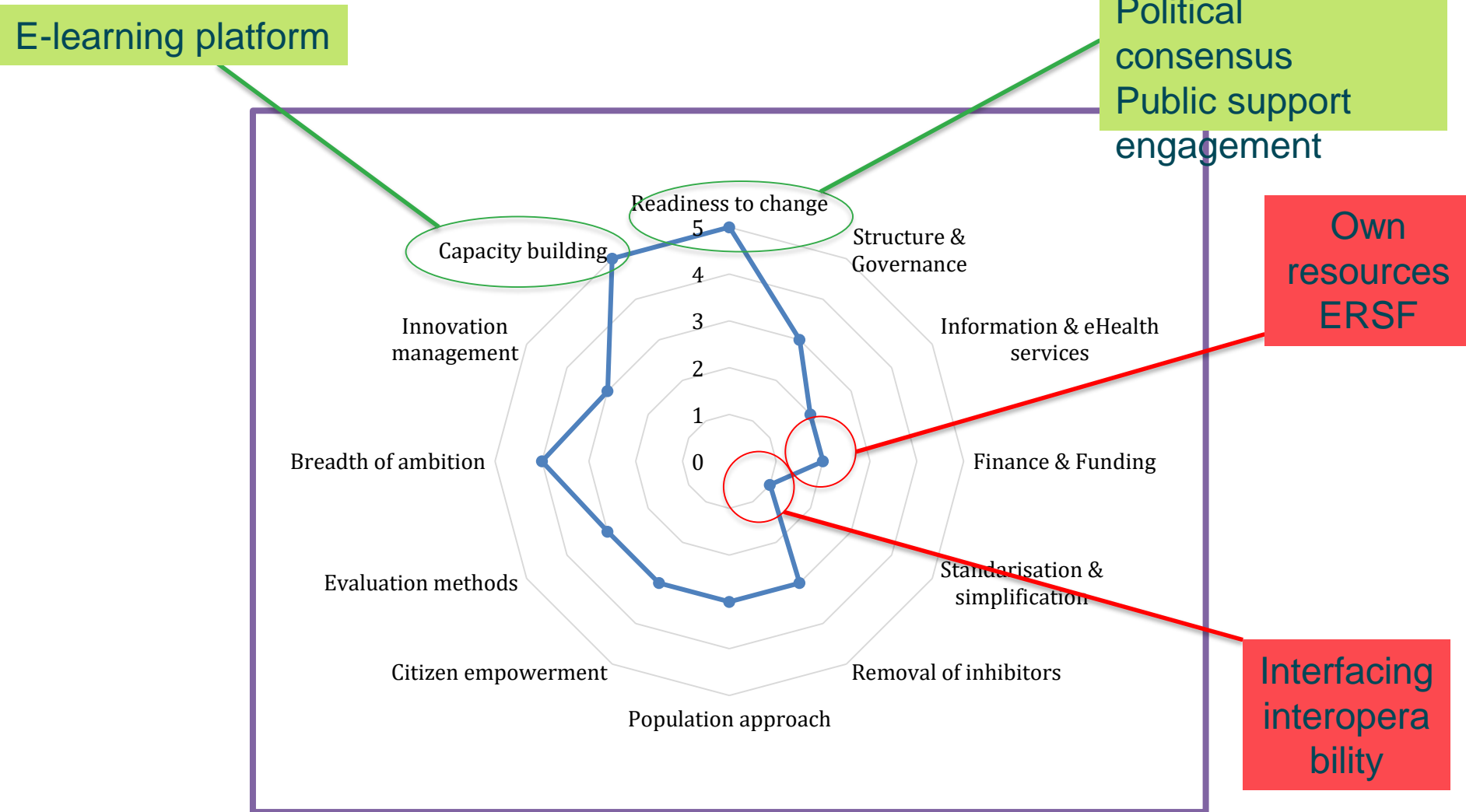
- ▶ **Adequately equipped control room (PCs, monitors, network, etc..).**
- ▶ **Specialized physicians (Case manager).**
- ▶ **Specialized Nurses (Care manager).**
- ▶ **ICT specialist (software maintenance and improvement).**
- ▶ **Home telemedicine kits (sofà + medical devices + HD camera).**
- ▶ **Smart devices (tablet, PC, smartphone, etc..).**
- ▶ **ICT regional structure, with privacy and security systems.**
- ▶ **Training facility.**



# Transferability

- ▶ **Commitment of Political Government in introducing telemonitoring systems in daily clinical practice.**
- ▶ **Specific requirements like ICT infrastructure at Patient Home and Control Room (multiconnection audio-video platform).**
- ▶ **Technical interfacing problem with the existing ICT structure.**
- ▶ **Difficulties in the use of devices by older patients.**
- ▶ **Privacy Policies.**

# CKD Integrated Care



# Conclusions

- ▶ The online tool was easy to use and to access.
- ▶ Dimensions seems appropriate to assess the maturity of the context.
- ▶ Refinement on some of the scales is needed, and some language issue should be analyzed.
- ▶ The use of the maturity model was accepted by stakeholders as a very “precious” support for the development of feasibility studies prior to activation of scaling up processes.
- ▶ The outcome of the good practice assessment was coherent to context, regional framework, points of weakness and strengths of GP, but **mainly** to the “context” and “policies” :
  - ➔ to do list
  - ➔ agenda priorities



# EHTEL

EUROPEAN HEALTH TELEMATICS ASSOCIATION

## Innovation Initiative

# EHTEL Innovation Initiative Meeting @ EHTEL 2017 Symposium

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Thank You