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DELIVERABLE 2.1 INDICATORS FOR EVALUATING PILOT RESULTS

“eHealth Territorial LAB - Local ecosystem as an instrument to scale up innovative local start-ups in eHealth topic”

The **Deliverable 2.1** has been designed to show indicators and numbers related to the pilot deployment.

We considered to split the indicators into two different groups:

- A set of quantity indicators aiming at representing the **achievements** and **results** of the current pilot action.
- A set of general quality and quantity indicators for **further replication** and **impact evaluation**



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QUALITY INDICATORS

ACHIEVEMENTS AND RESULTS

BENEFICIARIES

12 people over 65 years old

Age range: **65 - 77** years old

4 couples + **4** individuals

6 women + **6** men

Further information about the beneficiaries:

- All the people are treated by the **same Doctor**.
- Beneficiaries were all in general **good health conditions** since the goal is to test a general process not focused on people experiencing specific diseases.
- Beneficiaries were not already benefiting from social welfare programmes or services.

GEOGRAPHIC COVERAGE

Number of towns included: **5**

- 1) Municipality of Novalesa
- 2) Municipality of Moncenisio
- 3) Municipality of Venaus
- 4) Municipality of Mompantero
- 5) Municipality of Giaglione

All the five municipalities involved are located in the same Valley called “**Val Cenischia**” within the jurisdiction of the Metropolitan City of Turin.

The “Val Cenischia” owns all the characteristics of a **remote** and **mountainous area**. However the selected Valley presents a certain degree of infrastructure allowing the implementation of the activities.

MONITORING FREQUENCY

Every **15 days**

Starting **from May, 21st 2021...** till the **End of July 2021**

Duration of monitoring period: approx. **2 and a half months**

Total number of data acquisitions: **6**

Data acquisitions per month: **2,4**

(*If extended) Data acquisitions per year: **~30**

PARAMETERS

Parameters to be monitored:

- Body weight.
- Blood pressure.
- Heart rate.
- Body temperature.
- Blood saturation.
- Rhythmic or arrhythmic frequency.

Data	18/05/2021
▸ Orario	15:42:44
Tipologia	SMS
PRESSIONE MASSIMA	129
PRESSIONE MINIMA	76
FC	77
BATTITO IRREGOLARE	NO
PESO (KG)	57
TEMPERATURA	36
SATURAZIONE SANGUE	95
NOTE PAZIENTE	
Visto Da	
Visto Ruolo	
Visto Reparto	
Visto Data Ora	
Visto Note	

DEVICES

Devices needed for the acquisition of Parameters:

- Oximeter
- Sphygmomanometer
- Scale
- Thermometer

Beneficiaries has been provided with Oximeters and Sphygmomanometers.

Scales and Thermometer were already owned by beneficiaries.

Devices needed per person: 4

Total number of devices supplied by the project owners: 20*
(10 Oximeters + 10 Sphygmomanometers)

*Taking into account the presence of couples

4 HELIX HORIZONTAL PLACE BASED - APPROACH

<p>PUBLIC AUTHORITIES</p>	<p>1 NUTS 3 Authority - Metropolitan City of Turin 5 Municipalities 1 Health District 1 Social Welfare Association</p>
<p>INDUSTRY</p>	<p>1 Internet Service Provider 1 Multiutility 2 Technology Provider selected 1 Technology Provider chosen</p>
<p>ACADEMIA</p>	<p>1 Academic Business Incubator (2i3t Business Incubator of the University of Turin)</p>
<p>CITIZEN</p>	<p>12 Beneficiaries 1 General Practitioner Doctor More than 20 local administrators</p>



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**GENERAL QUALITY &
QUANTITY INDICATORS
FOR FURTHER REPLICATION
AND IMPACT EVALUATION**

How to state and measure the impact of the process in a longer time span?

1) NETWORK COVERAGE

→ Has the project improved the quality of the network coverage?

At the level of final user connectivity?

As concerns the network coverage of the territory?

Possible indicators: *N° of mobile providers active in the area, N° of areas covered by optical fiber connection*

How to state and measure the impact of the process in a longer time span?

2) eHEALTH SERVICES

- Have eHealth Services had an economic impact on the local ecosystem?
- Has the development of eHealth Services impacted against the abandonment of mountainous territories by the local population? Have eHealth services led “outsiders” to inhabit the Valley?

Possible indicator: Net Immigration Rate

- The demand for eHealth Services resulted in/caused the settlement of new businesses in the territory concerned?

Possible indicator: N° of new businesses

How to state and measure the impact of the process in a longer time span?

3) eHEALTH MONITORING

From the Doctor Point of view:

- Can the Doctor monitor in a more efficient and accurate way the health conditions of people treated?
- Does the Doctor find his job facilitated by the eHealth Services?

From the Beneficiary Point of View:

- Is the Beneficiary able to better monitor his medical status by means of eHealth status?
- Has eventual degenerations in health status been prevented?

At the aggregate level, the living conditions of the population living in the area?

- Has the supposed preventive effect caused the drop in the number of people experiencing common diseases?

Possible indicator: *Statistical report from the sanitary district with a dedicated focus on the Valley.*

How to state and measure the impact of the process in a longer time span?

4) **PROJECT**

Local engagement

- The project facilitated/ameliorated the relationship between the Metropolitan City of Turin and the single Municipalities?
- Has the project facilitated/offered the opportunity for the creation of PPP or provided room for a better integration between public and private sector?



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