



UMANA
PERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO



**COSTRUIAMO
VALORE,
INSIEME.**

umanapersones.it

Assistive technologies to support older adults and professionals during the pandemic

Lara Toccafondi- Project Manager
UP- Umanapersones (Italy)



UMANA
PERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO



**BUILD
VALUE,
TOGETHER.**



UMANA
PERSONE

IMPRESA SOCIALE RICERCA E SVILUPPO

**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.
it

UP - UMANAPERSONE

Development & Research Social Enterprise





UMANA
PERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO



**BUILD
VALUE,
TOGETHER.**

■ WHO ARE WE

Umana Persone is a network agreement between ten private social cooperatives, all located in Tuscany, Italy.

It was founded in 2014, but in 2016 it became autonomous from the Companies that make it up with its own economic, financial, legal and organizational independence.

Since 2019 it has also qualified «*social enterprise*», meaning that it carries out activities with social value, according to the Italian law.

■ MISSION

Umana Persone mainly aim at the innovation of non profit Companies, especially as follows:

- Finding new models to provide health and care services through innovating product and process as well
- Projecting new policies integrating public and private services in order to ensure a non stop care of elderly people
- Lobbying at public government to experiment these innovative solutions for a better welfare system
- Supporting non profit organizations to change themselves structurally and culturally

■ VISION

Umana Persone promote and enhance:

- Mutualistic collaboration between businesses such as between citizens
- Dissemination of legal and ethical values in labour and good practice against corruption
- New partnership to fill the knowledge gaps in specific and technical sectors
- A specific methodology to work, based on evidences coming from every day work and focused on connecting in work team people coming from different places



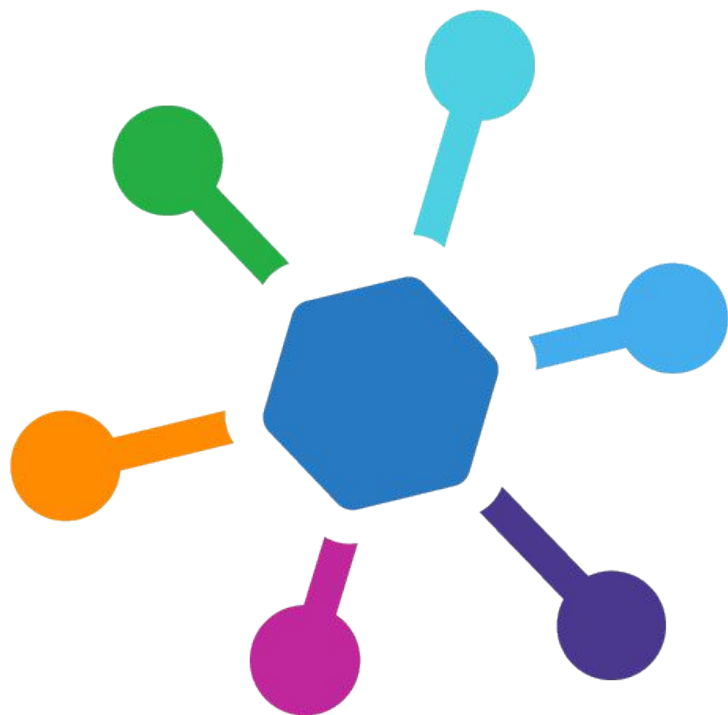
UMANA
PERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO



**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it



Fast Pilot

A RAPID RESPONSE TO THE COVID-19 EMERGENCY



UMANA
PERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO



**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it

What solutions were available?

At the request of the EU, in full Covid emergency, we asked ourselves what tools and skills we could quickly make available to cope the effects of the pandemic.

We have identified two ongoing projects that could be extended for the objective expressed above.



CloudIA

- Telepresence Robot



Pronto Badante

- App for facilitated videocalls





UMANA
PERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO

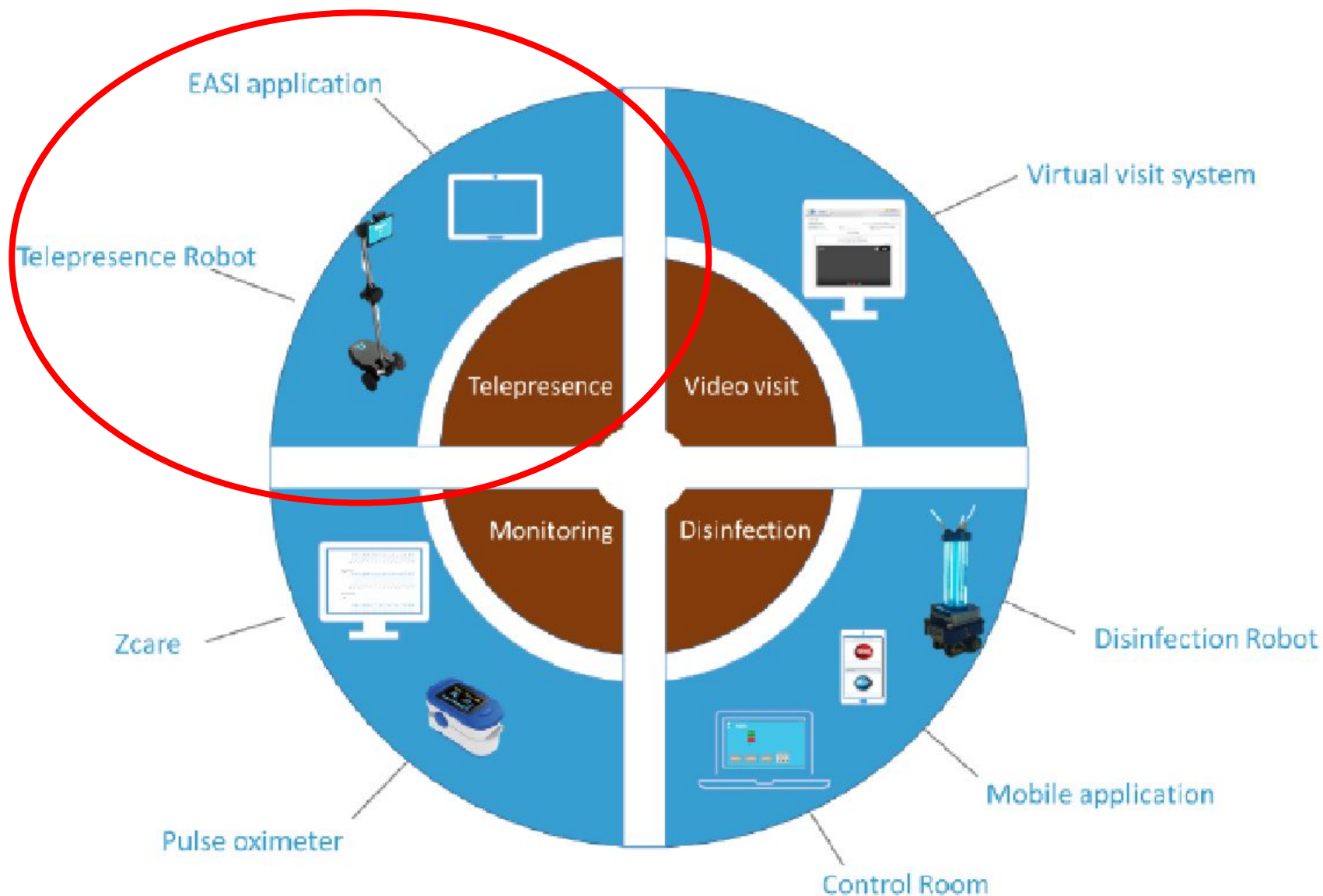


**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it

pharaon

FOUR PROPOSED SCENARIOS





UMANA
PERSONE

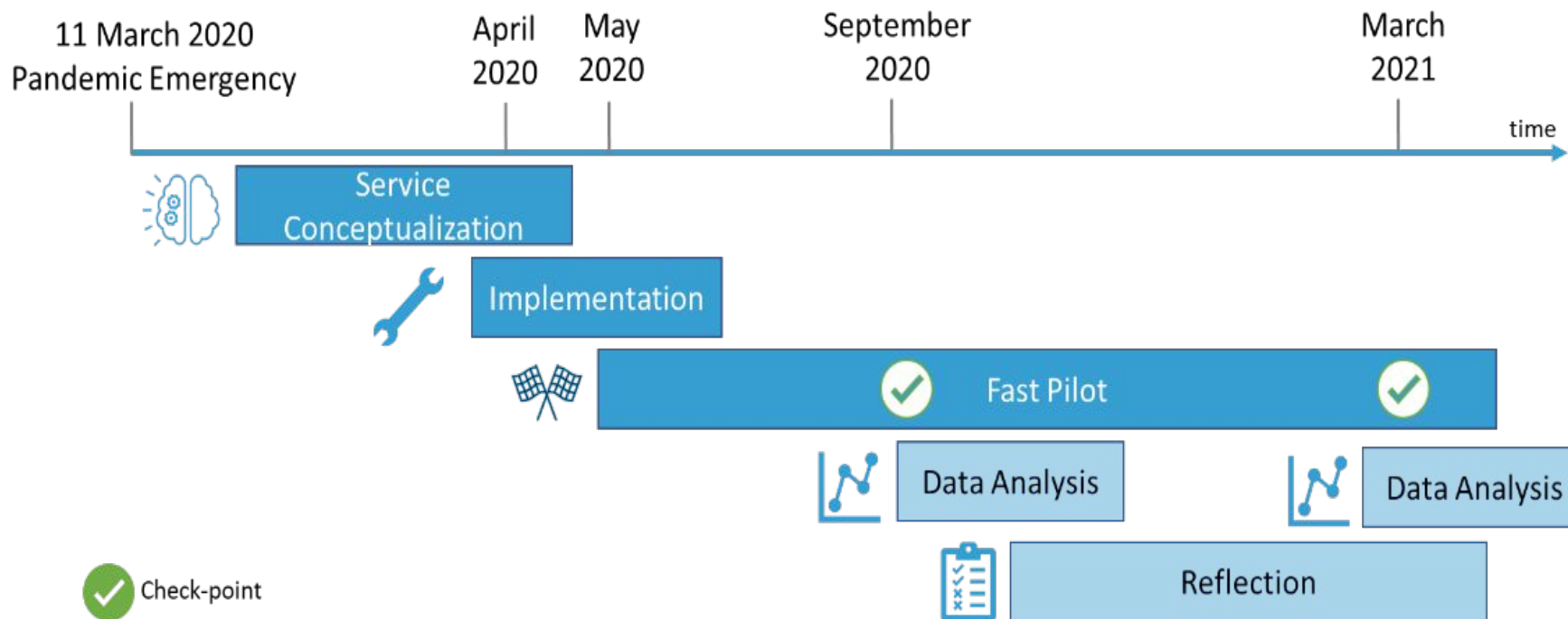
IMPRESA SOCIALE
RICERCA E SVILUPPO



**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it

Timeline





UMANA
PERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO



**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it

Scenario

Older adults with covid-19 who live in residential structures without specific covid-19 units will be able to be monitored with the help of the telepresence robot.

This scenario is important because it allows operators to monitor the conditions of the older adults affected by covid-19 and to detect their needs several times a day without physical presence. This also allows for a more careful use of individual protection devices.



UMANA
PERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO



**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it

Double Robot and Ohmni Robot





UMANAPERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO

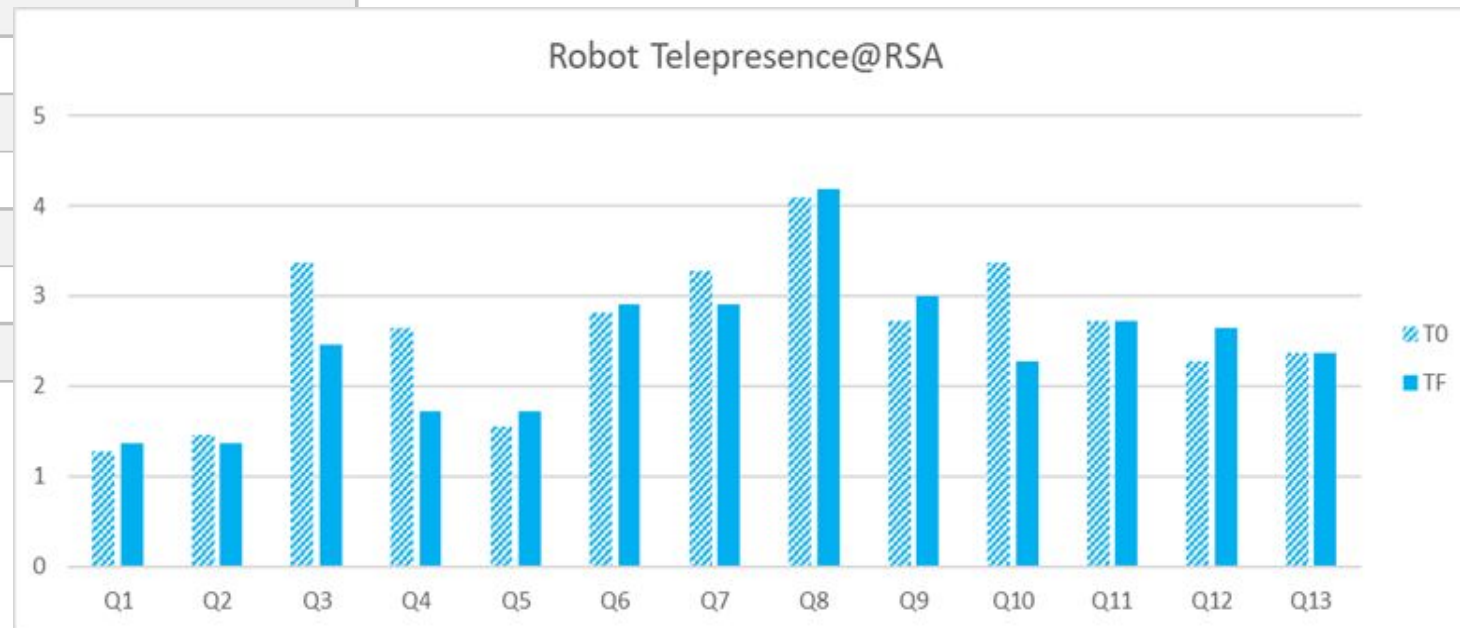


**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it

Results -Expectations

Q1	Privacy concern
Q2	Be afraid of the robot
Q3	Afraid to not good at use
Q4	Increased independency
Q5	Reduced need of presence
Q6	Help in taking care
Q7	Difficult in communication
Q8	Increased distance
Q9	Improved contacts
Q10	Increased security
Q11	Support in emergency
Q12	Negative for relationship
Q13	Difficulty to interact



11 seniors involved, for an average of
15 days each



UMANAPERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO

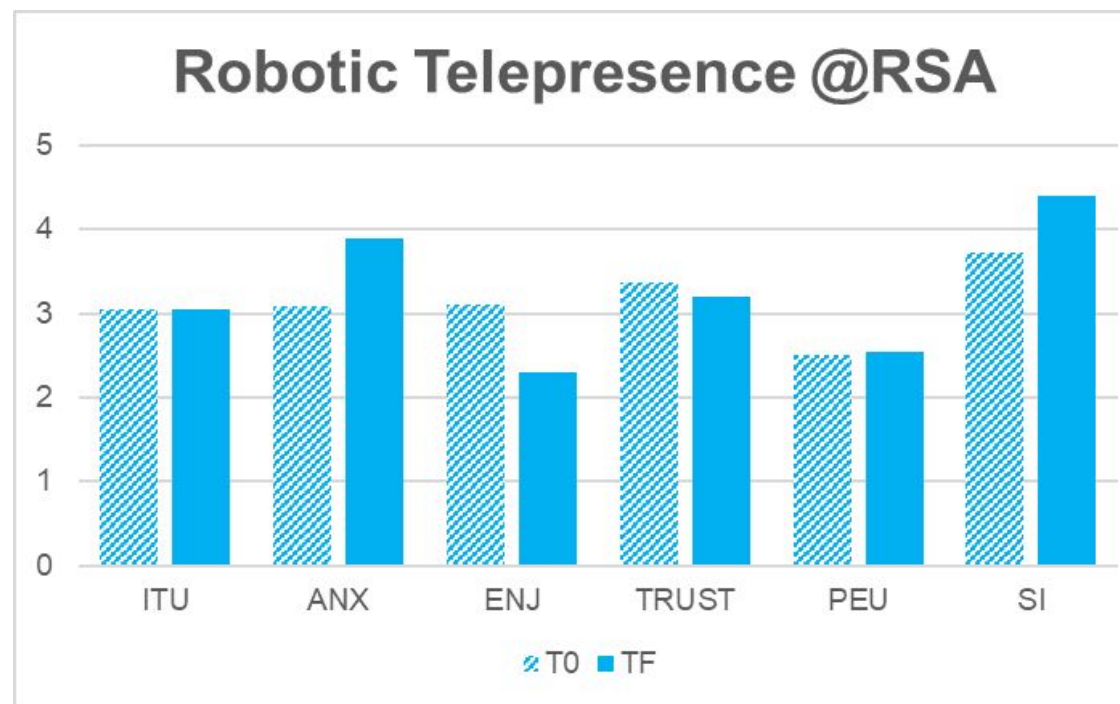


**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it

Results –Usability and Acceptability

Acronym	Construct
ITU	Intention of use
ANX	Anxiety
ENJ	Enjoyment
TRUST	Trust





UMANA
PERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO



**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it

Results –Perceived loneliness



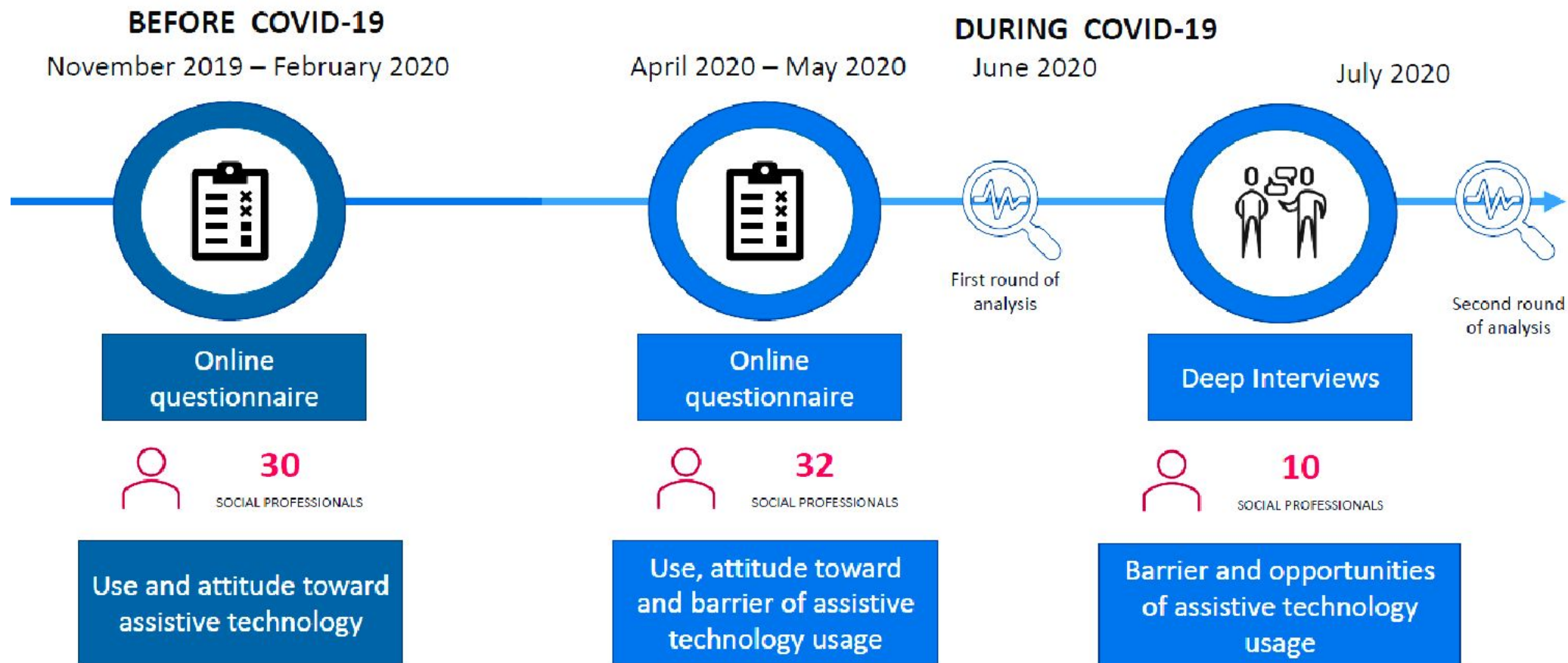


UMANA
PERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO



A survey on social workers



**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it



UMANA
PERSONE

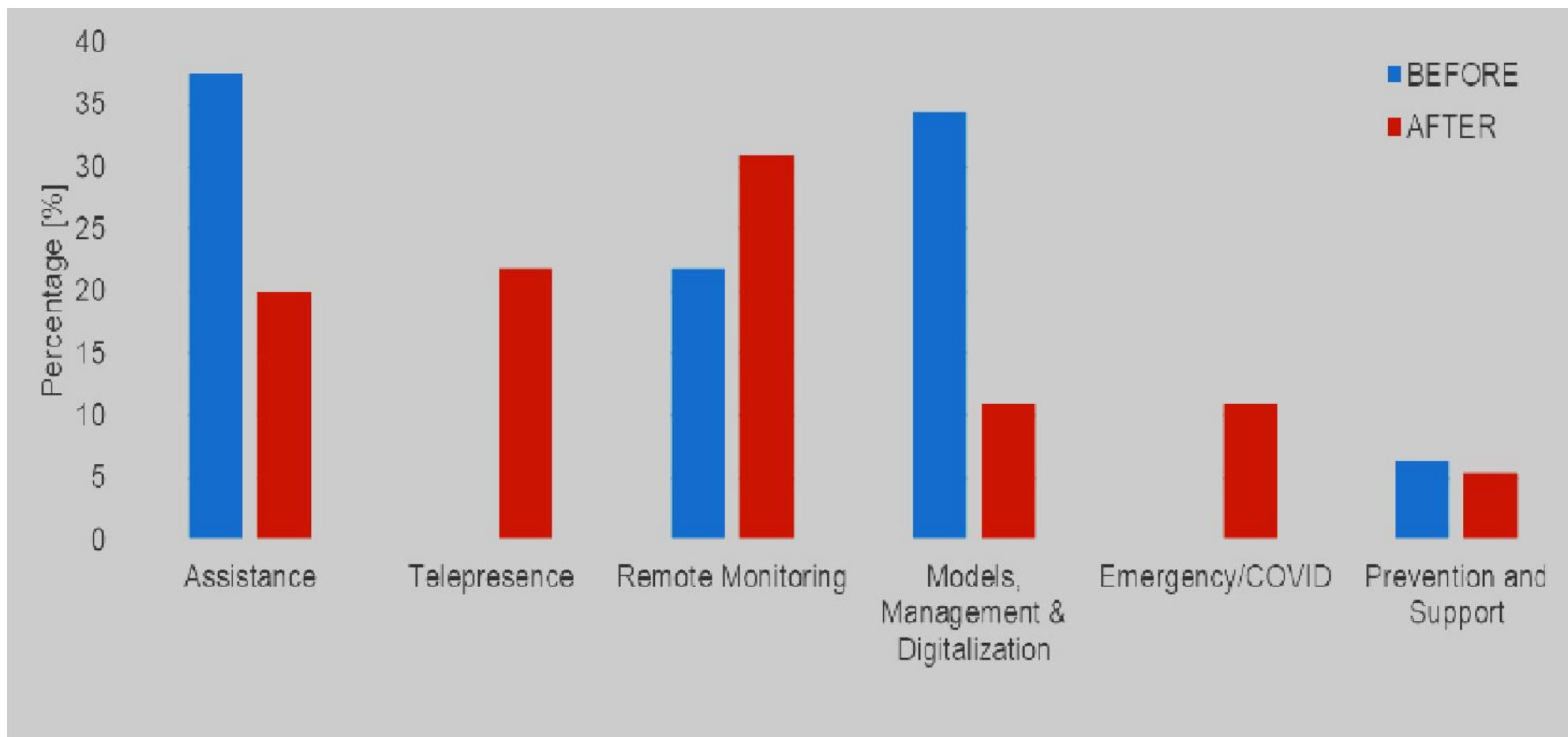
IMPRESA SOCIALE
RICERCA E SVILUPPO



**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it

What needs can technology respond to?





UMANAPERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO



A survey on social workers

Do you think that we can come back to an elderly assistance situation which is the same of the one before the emergency or it is necessary to include some changes in the way we model the services

9.52% YES

(2 Respondents)

90.48% NO

(19 Respondents)

**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it



UMANA
PERSONE

IMPRESA SOCIALE
RICERCA E SVILUPPO



**COSTRUIAMO
VALORE,
INSIEME.**

umanapersone.it

