

Update – November 2020

MASSC



Material Supply Strategy in a Crisis

Update of last month

Currently, we are six weeks into the project and the level of interest in this research is overwhelming! We have done a lot of work behind the scenes, to build strong foundation for the "real work": the interviews. The following documents are developed: concept of the data management, interview protocols, invitation letter, consent form and info sheet. The next step is sending out invitations for interviews in the Netherlands and executing them. Besides interview preparation, we have developed a concept timeline of the activities and institutions involved in the purchasing of critical materials in the Netherlands based on document research.

Current state of affairs

- Legal consortium agreements drafted
- Data Management Plan concept version is ready
- Ethical approval is submitted
- Interview protocols are finalized
- Invitation letters, consent forms and info sheets are drafted
- A concept timeline of the Netherlands developed regarding procurement of critical materials and involved institutions

Next up

- Signing the consortium agreements and sent to ZonMw for verification
- Submitting concept version of Data Management Plan
- Ethical approval
- Interview invitations will be sent out and interviews will be planned
- Start of interviews
- Start of transcription of interviews

Websites

<https://pprc.eu>

<https://www.eur.nl/eshpm/>

<https://www.utwente.nl/en/bms/iebis/>

<https://irspp.wordpress.com/>

Research team

Prof. Jan Telgen	Main applicant	PPRC / IRSP
Dr. Ir. Niels Uenk	Project manager	PPRC / IRSP
Prof. Louise Knight	Co-project lead	UT / IRSP
Prof. Kees Ahaus	Team lead NL	ESHM
Prof. Erik van Raaij	Team lead NL	ESHM
Esmee Peters	Principal researcher	PPRC / IRSP
Laura Bosman	researcher	PPRC
Annelie Oortwijn	researcher	ESHM

Summary | MASSC

The provision of critical materials such as mouth masks, ventilators and testing equipment was (and remains) crucial during the pandemic. The availability of these critical materials (timeliness, quality and quantity) turned out to be a bottleneck for the medical capacity. Countries worldwide have applied different strategies to deal with these problems. While one country could focus on heavy stockpiling, the other might focus on national production of medical supplies. The aim of this research is to learn from an international comparison of the different supply strategies in the crisis. Therefore, the Dutch approach of material supply is compared with that of 23 other countries. Within the Netherlands, the study focuses on national level responses and on the activities undertaken by various institutions in the cure (hospitals) and care (including nursing homes) sector.

Research | Phases

The research consists of three phases. The first phase encompasses a detailed description of the Dutch approach in supplying materials. The second phase involves the international comparison, where senior practitioners from 23 countries will be interviewed. This network is available through our partner IRSP. The final step is to analyze the data obtained so that lessons can be learned for adequate preparation for a future healthcare crisis.

Planning

Part 1: 01-09 / 31-01 (5 months)

Part 2: 01-02 / 31-08 (5 months)

Part 3: 01-09 / 31-12 (4 months)