

Microdata Access Services

Resilience during COVID19 lockdown

National Institute of Statistics and Geography
Mexico

Microdata in Statistical Laws

- 1980 National Statistical and Geography – no explicit mention
 - Access to microdata from:
 - Household census and surveys provided with cost through external devices
 - Establishments and agricultural units could be by personal relation
- 2008 Statistical and Geographic Information System National Law
- Explicit mention
 - INEGI following best international practices Will provide access to microdata for academic research and support of public policy.

Microdata in Statistical Laws

Microdata access services organize as an institutional service.

Household surveys and sociodemographic statistics from administrative registers – Microdata download direct from INEGI Web page, geographic location of microdata is limited to third geographical level

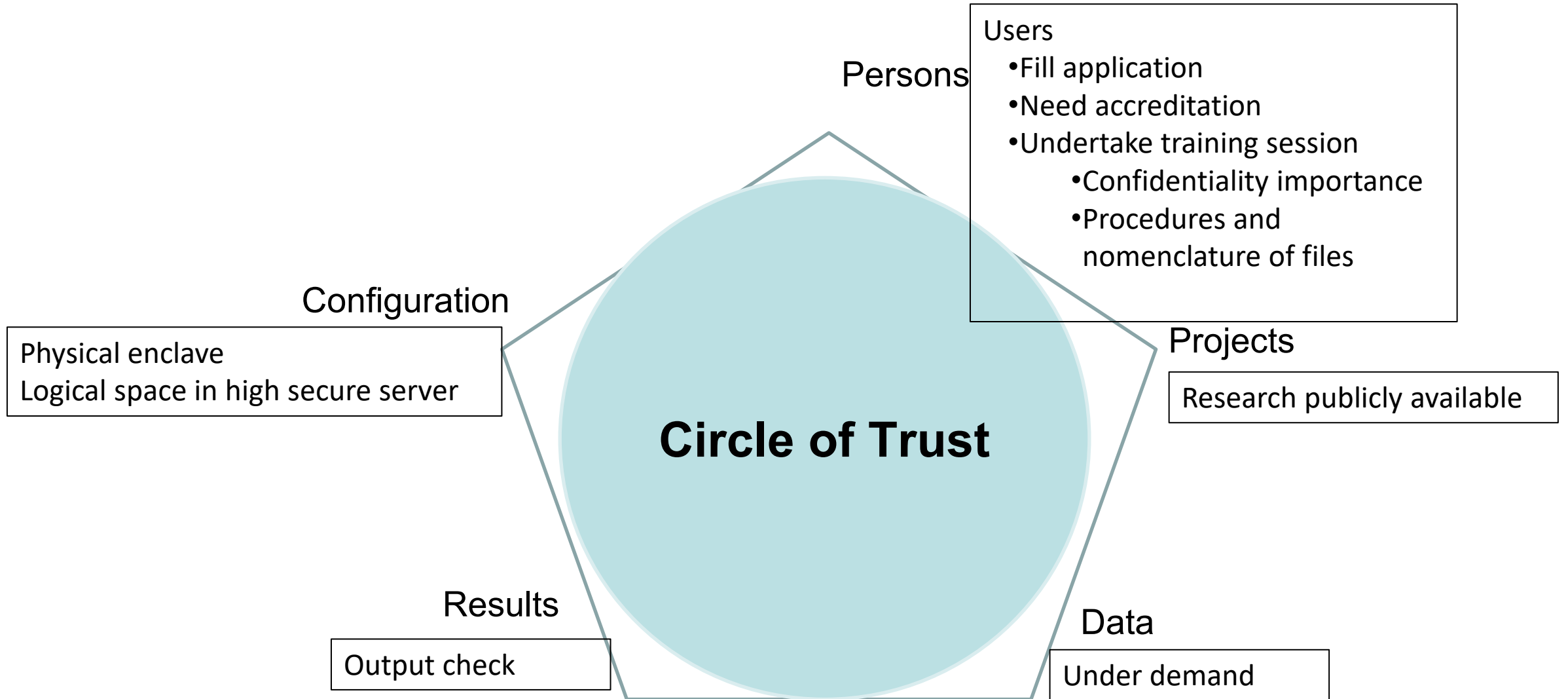
Establishments and agricultural units surveys, census and statistics from administrative registers; and household population census transborder access by Remote processing and Microdata Laboratory to postgraduate students and researcher of academic institutions and public servants.

Transborder access

Origin of research project by country of institution of user affiliation	Research projects
Mexico	1412
United States of America	273
United Kingdom	52
Spain	27
France	25
Germany	23
Canada	20
Denmark, Netherlands & Italy	7
Chile, Colombia,	6
Sweden	4
South Korea & Japan	3
Argentina, Australia, Hong Kong, Ireland, Peru, Switzerland & Venezuela	2
Austria, Belgium; Brazil, China, Costa Rica, Finland, Ecuador, Malasia, Norway & Uruguay	1

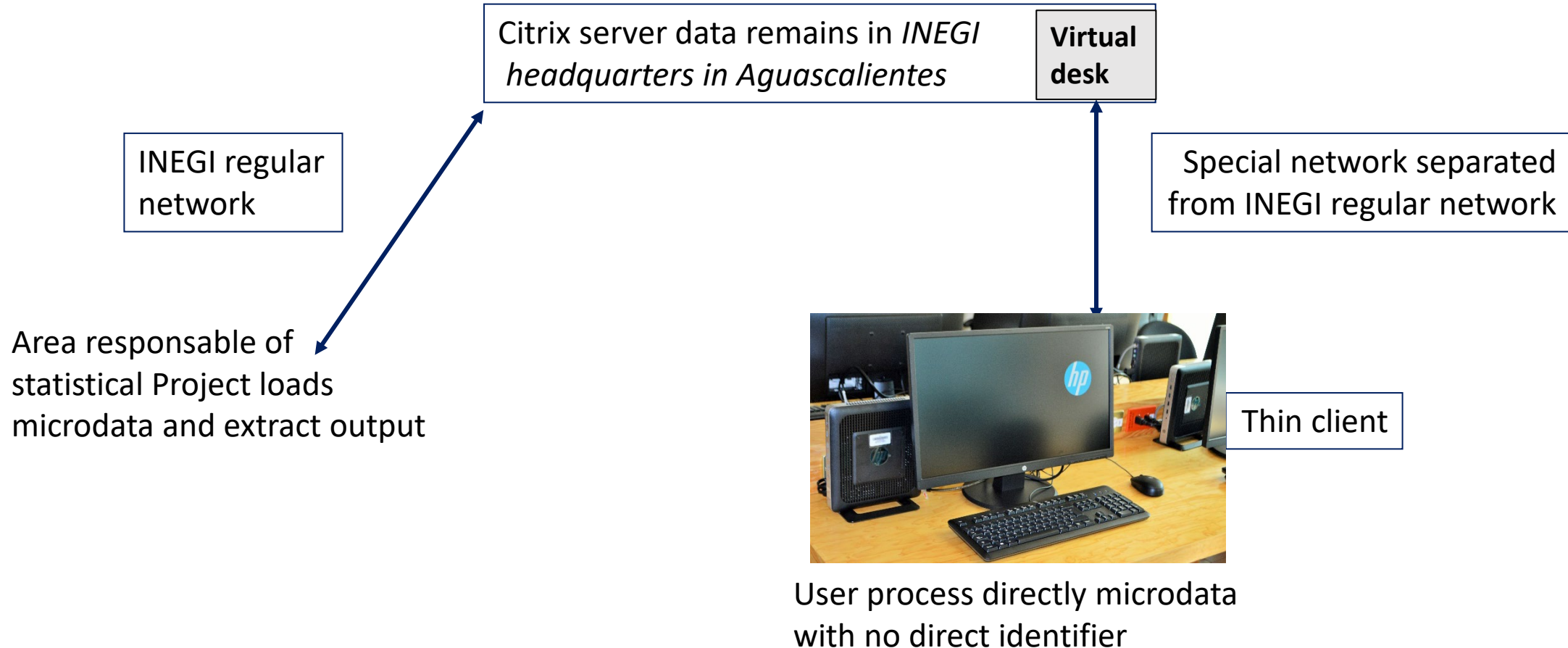
INEGI Microdata Laboratory

5 'S' Model Management Risk Model

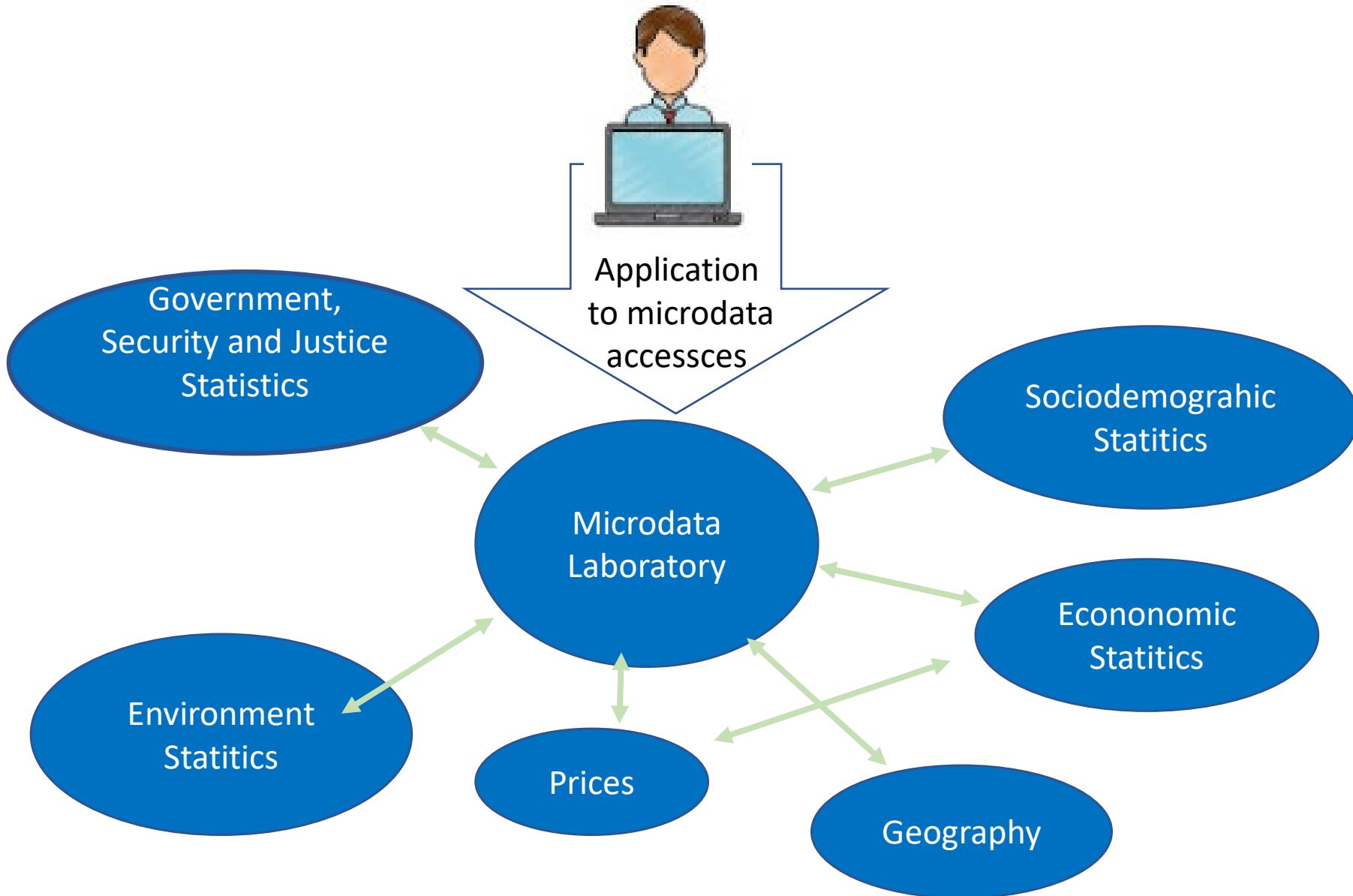


Logic configuration

We create logical space in Citrix server called virtual desk for each research project



One-stop window



Type of microdata access service

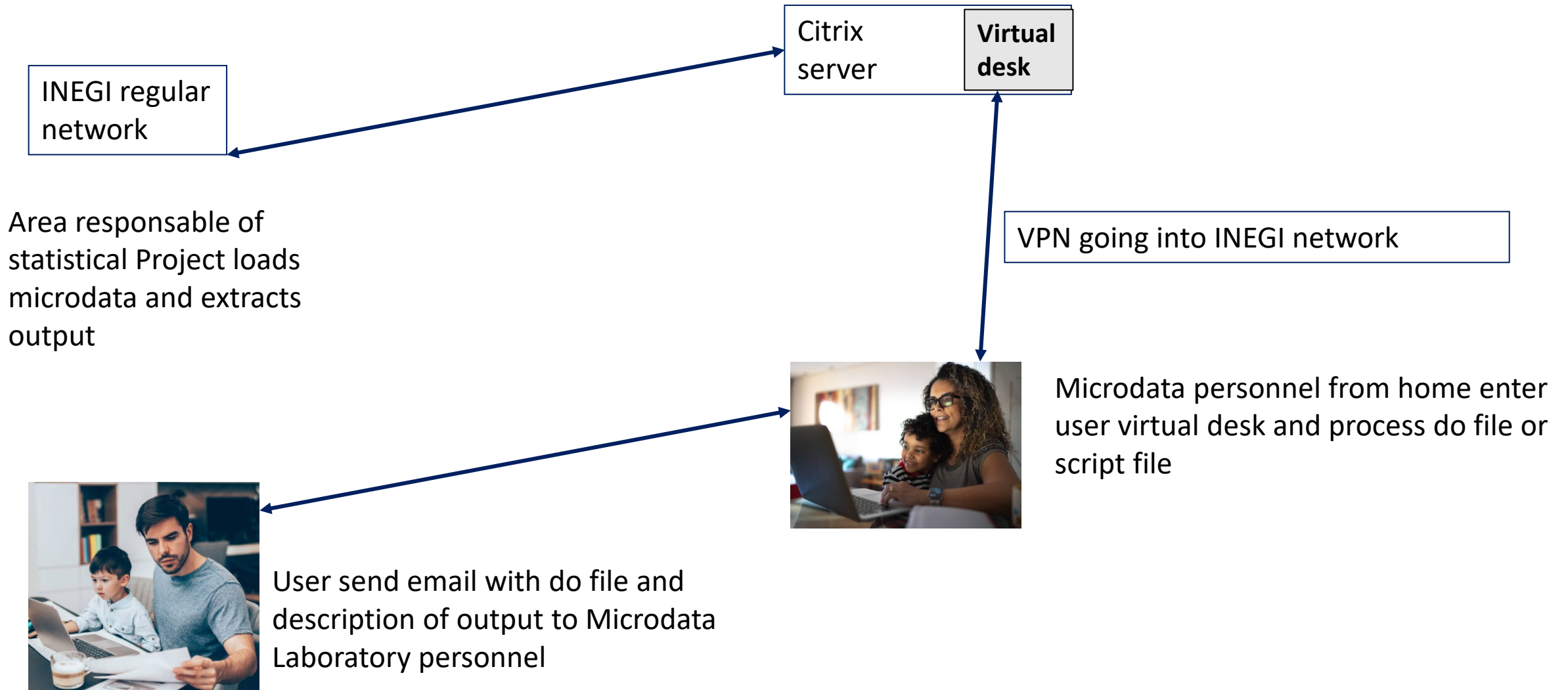
Year	Research projects	Remote processing	Microdata Laboratory
2011	6	6	-
2012	37	37	-
2013	118	102	16
2014	145	121	24
2015	144	88	56
2016	156	85	71
2017	132	42	90
2018	160	72	88
2019	201	99	102
2020	165	125	40
2021*	135	110	25
Total	1,399	887	512

* October 31, 2021

COVID 2019

- March 26 Microdata Laboratory personnel moved into home office
- We carry out our work through VPN, we could enter as administrators into users virtual desk
- We offer Remote processing service to Microdata Laboratory users
- Users needed to work with the data in their virtual desk
- Not all statistical projects has facilities to provide Remote Processing
- ICT personnel adjust the configuration to allow Microdata Laboratory personnel to enter as users the virtual desk
- We define two new services:
 - Remote Processing in Virtual desk of user.
 - Assisted Remote Processing – for new users of statistical projects that do not offer Remote Processing, we provide the training in procedures.

Remote Processing in User Virtual Desk



COVID19 - Conclusions

- Innovation considering local conditions was needed to cope with COVID19 restrictions.
- Best is enemy of good
- We continue supporting Research
- We did housekeeping, we cleared our registers of users that were not active.
- We are starting to open slowly to users the service of the Microdata Laboratory.
- Good news: we are inaugurating new Microdata Laboratory in the centre of the country.