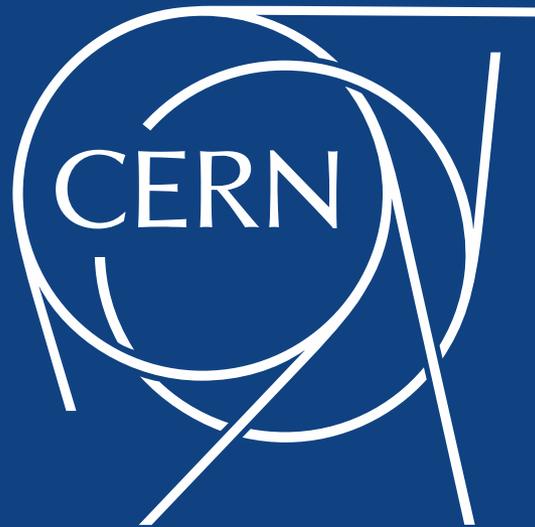


Plans for CERN's gradual re-start



Introduction



We hope that you and your families are in good health and that you are feeling well physically and psychologically, despite the troubled times.

CERN has been in safe-mode since 20 March. Activities have continued at very intense pace on sites for few people and through tele-working for most of CERN's personnel. Many CERN's services have been up and running to support your work.

A big THANK-YOU to all of you for your hard work, dedication, commitment, and patience in these difficult times !

With the situation gradually improving around Europe, and the cautious easing of restrictions in our Host States, we have developed a **preliminary** plan for the **gradual and safe** re-start of the activities and for bringing the personnel back to work on site

Note: CERN's personnel includes ALL categories: employed members (MPE: staff and fellows) and associate members (MPA: users, scientific associates, project associates, students, etc.)



Covid-19 cases at CERN

Total number since the beginning of the pandemic.

Grand Total : 90 personnes

Cas testés positifs : 11 + 1 conjointe

Cas testés Négatif : 8

Cas suspect : 70

Etat de santé des personnes en suivies COVID-19

83 Plus de symptômes

7 Symptômes

0 Hospitalisé

64% MPE
36% MPA and contractor's personnel
90% live in local area

Note: these are the cases we (CERN's medical service) have been informed about.

Very sadly: Danila Tlisov (INR Moscow, CMS) passed away on 14 April in Russia, at age 36.

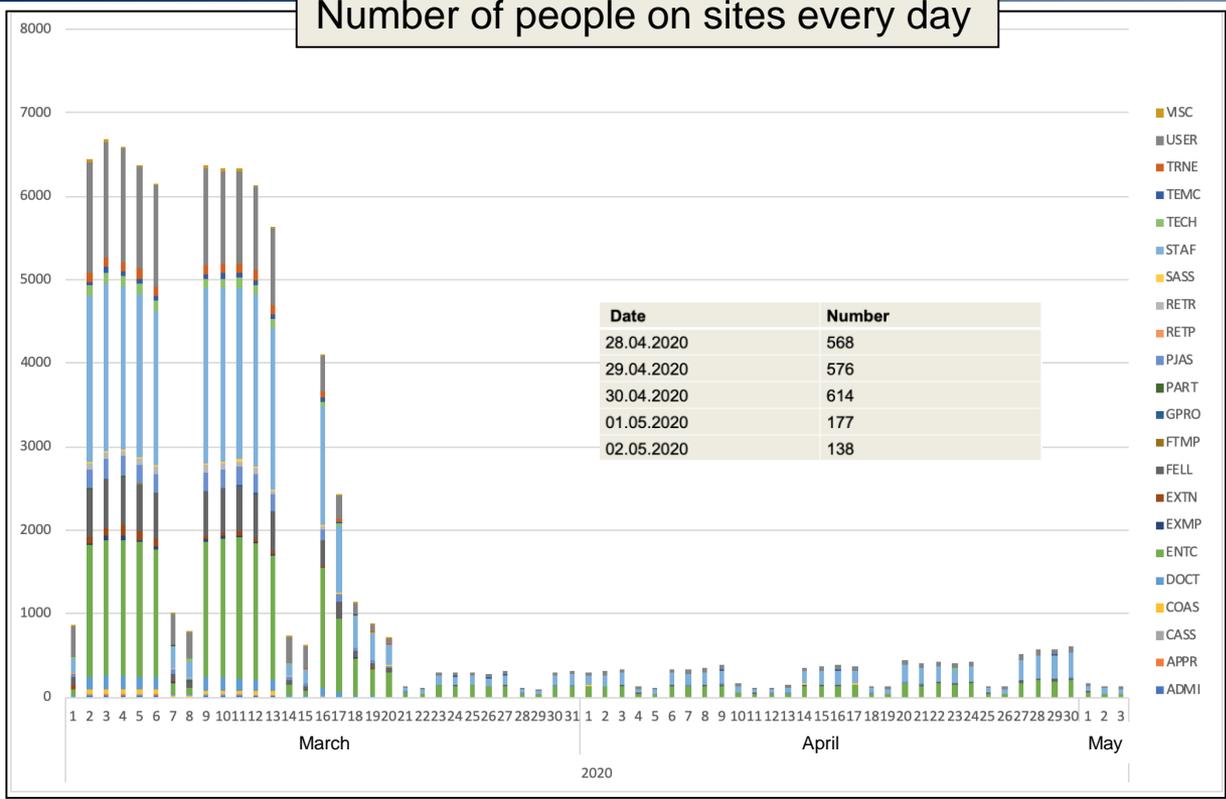


Our thoughts to those of you who lost family and friends



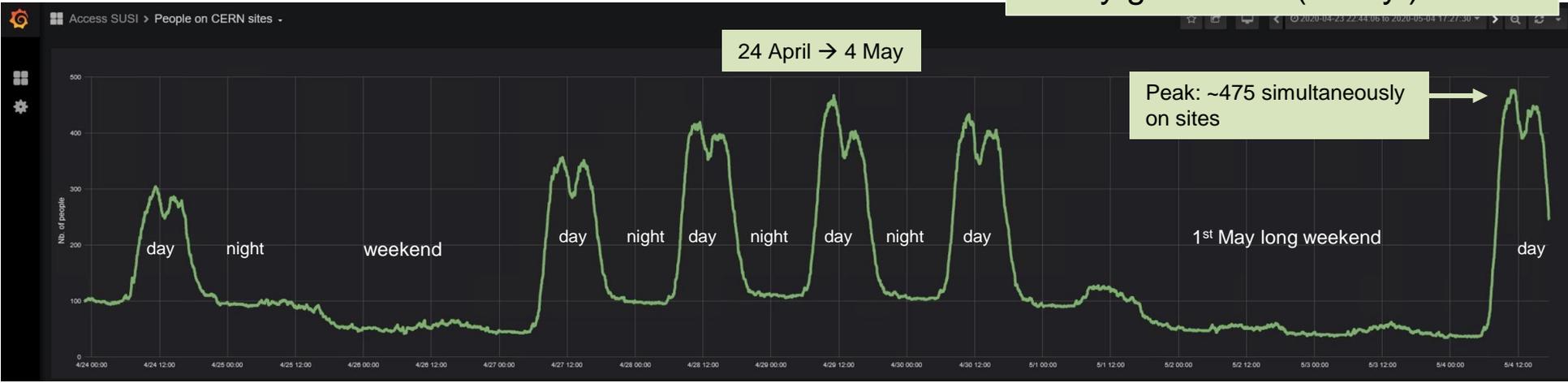
CERN during safe mode: number of people on site

Number of people on sites every day



Blue: staff
 Grey: users
 Green: contractors

From the access control system (many thanks to BE-ICS)
 → can monitor that number of people simultaneously on sites does not exceed the target value at any given time (safety!)

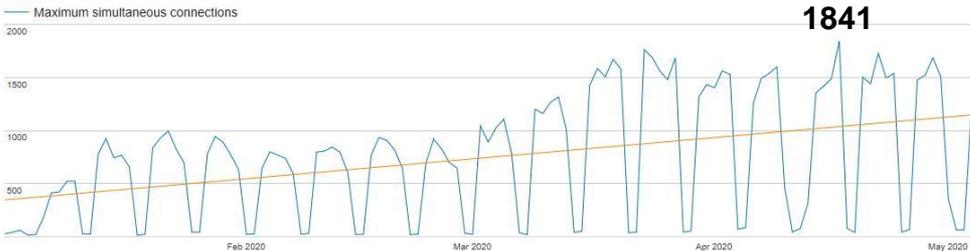




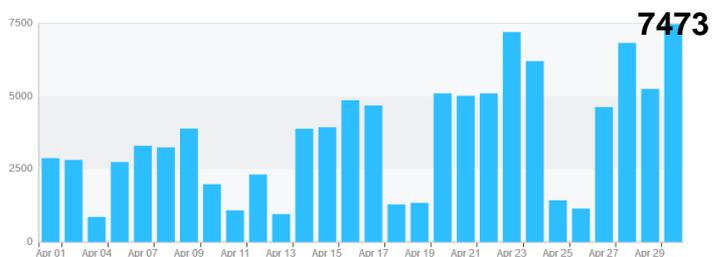
CERN during safe mode: tele-work

Very intense pace of meetings, seminars, colloquia, discussions,

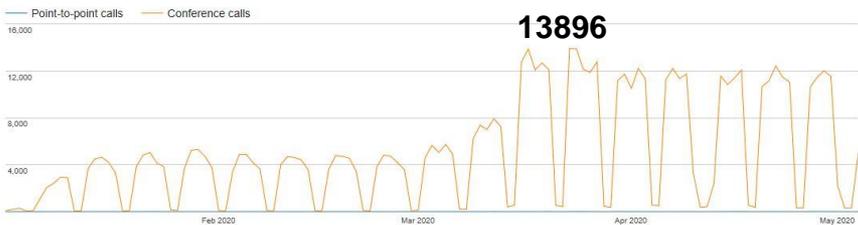
Vidyo: max number of simultaneous connections



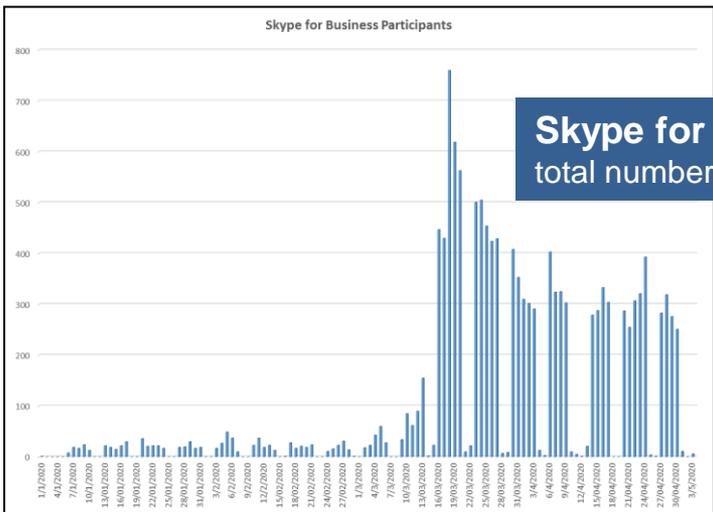
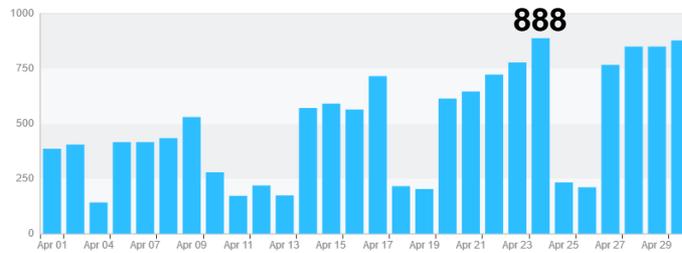
ZOOM: total number of connections per day



Vidyo: total number of connections per day



ZOOM: total number of meetings per day



Skype for Business:
total number of connections per day

Thank you IT!

Task Force established to explore how competences and technologies of CERN’s community can help society in the global fight against the virus, ensuring effective, well-coordinated action:

<https://againstcovid19.cern>

Enthusiastic response: ~300 mails and ~100 proposals received, ~120 people involved directly. Working with WHO and various (health) research institutions worldwide.

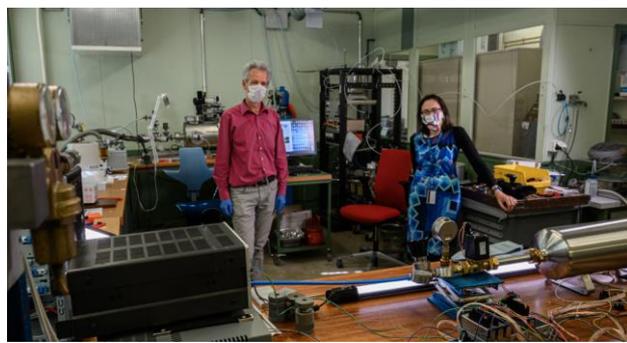
Production of masks, face shields, sanitising gel for local hospitals and authorities (and for CERN personnel)



>1 ton of sanitising gel and > 5000 face shields produced at low cost and donated



Development of a ventilator for intensive care patients (HEV)

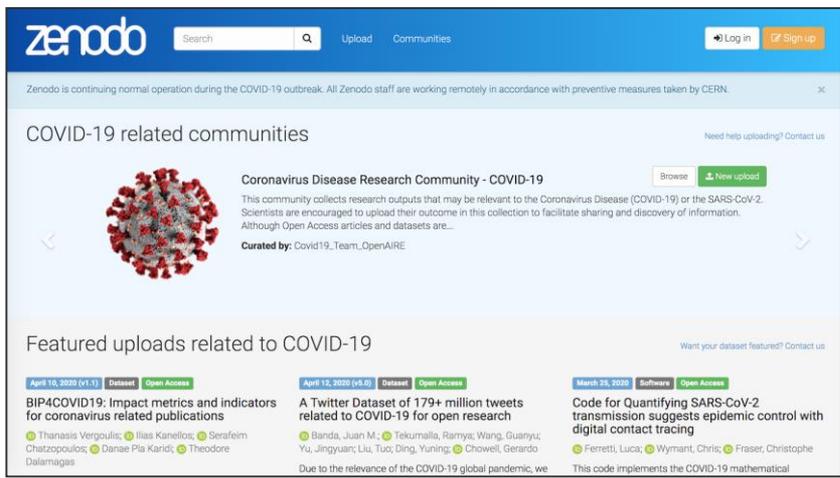


Initiative of LHCb collaborators
 Innovative, low-cost, easy and fast to build; particularly suitable for developing countries

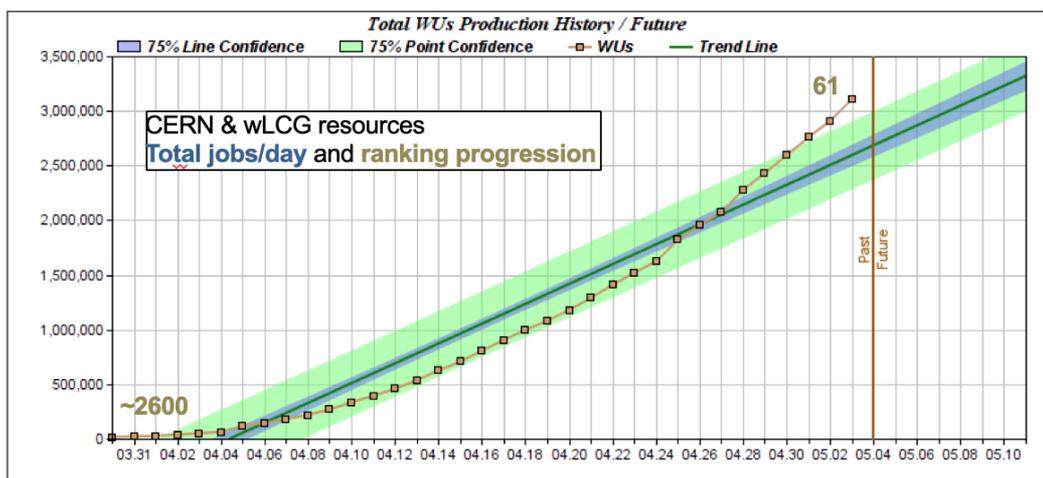


CERN computing resources in the service of Covid-19 research

CERN open-access repository (Zenodo) used to store and share pandemic's data



Folding@Home: CERN ranking improved from 2600 to 61 (out of > 250000 teams) in just a month





A gradual and cautious re-start plan

The sanitary situation in Europe is improving and countries (in particular our Host States) are progressively reducing their confinement rules



CERN has developed a preliminary plan for the gradual, cautious and safe re-start of activities on sites, with priorities to LS2, accelerator and experiment upgrades and urgent site and building work

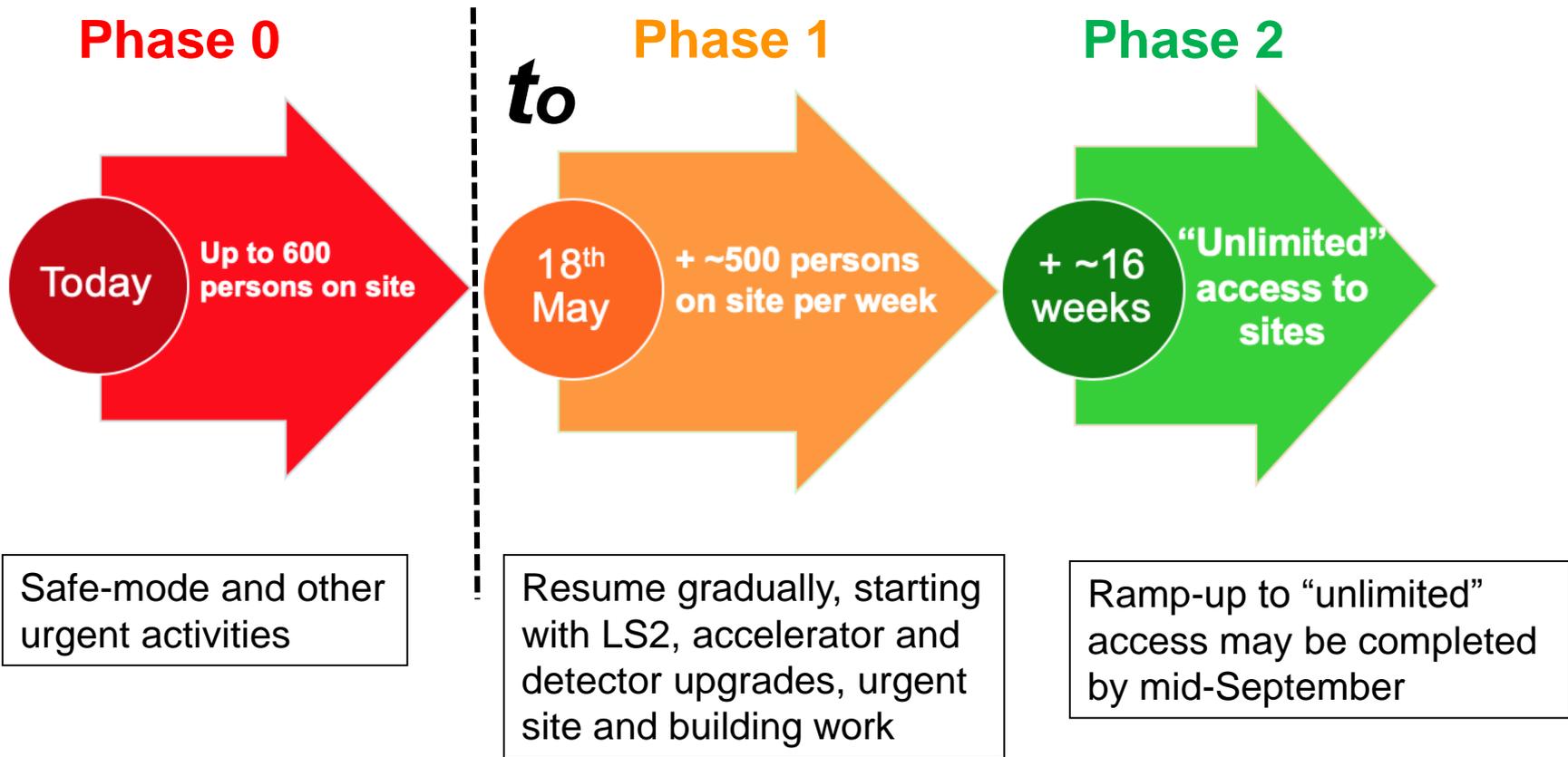
The highest priority remains protecting the health of CERN personnel and everyone on site
→ HSE (occupational Health & Safety and Environmental protection unit) developed Covid-19-specific health and safety measure → see D. Forkel-Wirth's presentation

Note:

- ❑ re-start plan is an iterative process → will be reviewed regularly and adapted to the evolution of the health situation at CERN and in our Host States
- ❑ traveling and border constraints may affect personnel coming from outside Switzerland and France (e.g. users and other MPA) → ramp-up of experiment's activities will likely be slower than work on accelerators and CERN's infrastructure



A gradual and cautious re-start plan



- Number of people on sites includes CERN's personnel as well as contractors
- Personnel involved in LS2, accelerator and detector upgrades, urgent site and building work will come back to site gradually as of 18 May**
- The rest of personnel will come back gradually as of 2nd week of June.**
- Personnel will be called back by supervisors.



Final remarks

Plan of activities and number of people on site will be reviewed every week in the Enlarged Directorate (in consultation with the experiments) and adapted
Several (external) factors and constraints (spread of virus at CERN and in our Host States, travel restrictions, border closures) may have significant impact on the plan
→ we must remain cautious and flexible

From now until t_0 :

- ❑ model for personnel's return will be refined (shifts, office occupancy, etc.)
- ❑ implementation of Covid-19-specific health and safety measures and related logistics

The Covid-19 webpage will collect all the needed information, and a dedicated helpline available to answer questions on health and safety

The compliance with the safety and health measures is the responsibility of everyone, is crucial to protect our health and that of our colleagues and is essential to keep CERN safe and therefore ramp-up the activities on sites

We appreciate greatly your continued support and that of our Member States and all of the collaborating institutes throughout this complex period when many are facing challenging times



Thank you!