





European Strategy  
Update

# Medium Term Plan 2020

CERN/SPC/1141/Rev.  
CERN/FC/6412/Rev.  
CERN/3499/Rev.  
Original: English  
11 September 2020

## ORGANISATION EUROPÉENNE POUR LA RECHERCHE NUCLÉAIRE **CERN** EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

*Action to be taken*

*Voting procedure*

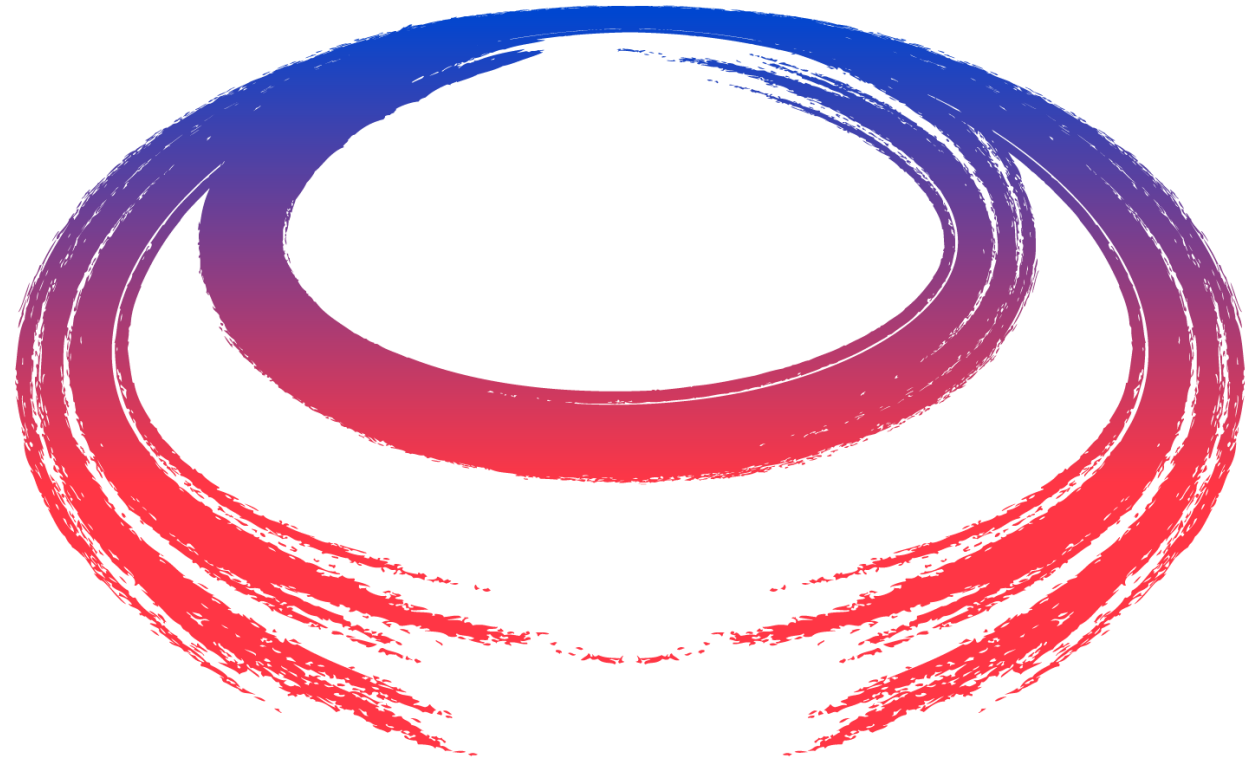
For recommendation to the Council	SCIENTIFIC POLICY COMMITTEE 319 <sup>th</sup> Meeting 21-22 September 2020	—
For recommendation to the Council	FINANCE COMMITTEE 373 <sup>rd</sup> Meeting 23 September 2020	Chapters I and IV.1: Simple majority of Member States represented and voting (abstentions are not counted) and 70% of the contributions of the Member States represented and present for the voting (abstentions are counted as votes against) and at least 51% of the contributions of all Member States. Chapter III: Two-thirds majority of Member States represented and voting (abstentions are not counted) and 70% of the contributions of the Member States represented and present for the voting (abstentions are counted as votes against) and at least 51% of the contributions of all Member States.
For decision	RESTRICTED COUNCIL 200 <sup>th</sup> Session 24-25 September 2020	Chapters I and IV.1: Simple majority of Member States represented and voting (abstentions are not counted). Chapter III: Two-thirds majority of Member States represented and voting (abstentions are not counted).

### Medium-Term Plan for the period 2021-2025 and Draft Budget of the Organization for the sixty-seventh financial year 2021

GENEVA, September 2020

Council is invited to:

- approve the overall strategy for the reference period as outlined in Chapter I of this document and elaborated upon in the Appendices (Chapter IV.1);
- take note of the Resources Plan for the years 2021 to 2025 (Chapter II);
- approve the 2021 Draft Budget in 2020 prices (Chapter III).



 International  
UON Collider  
Collaboration



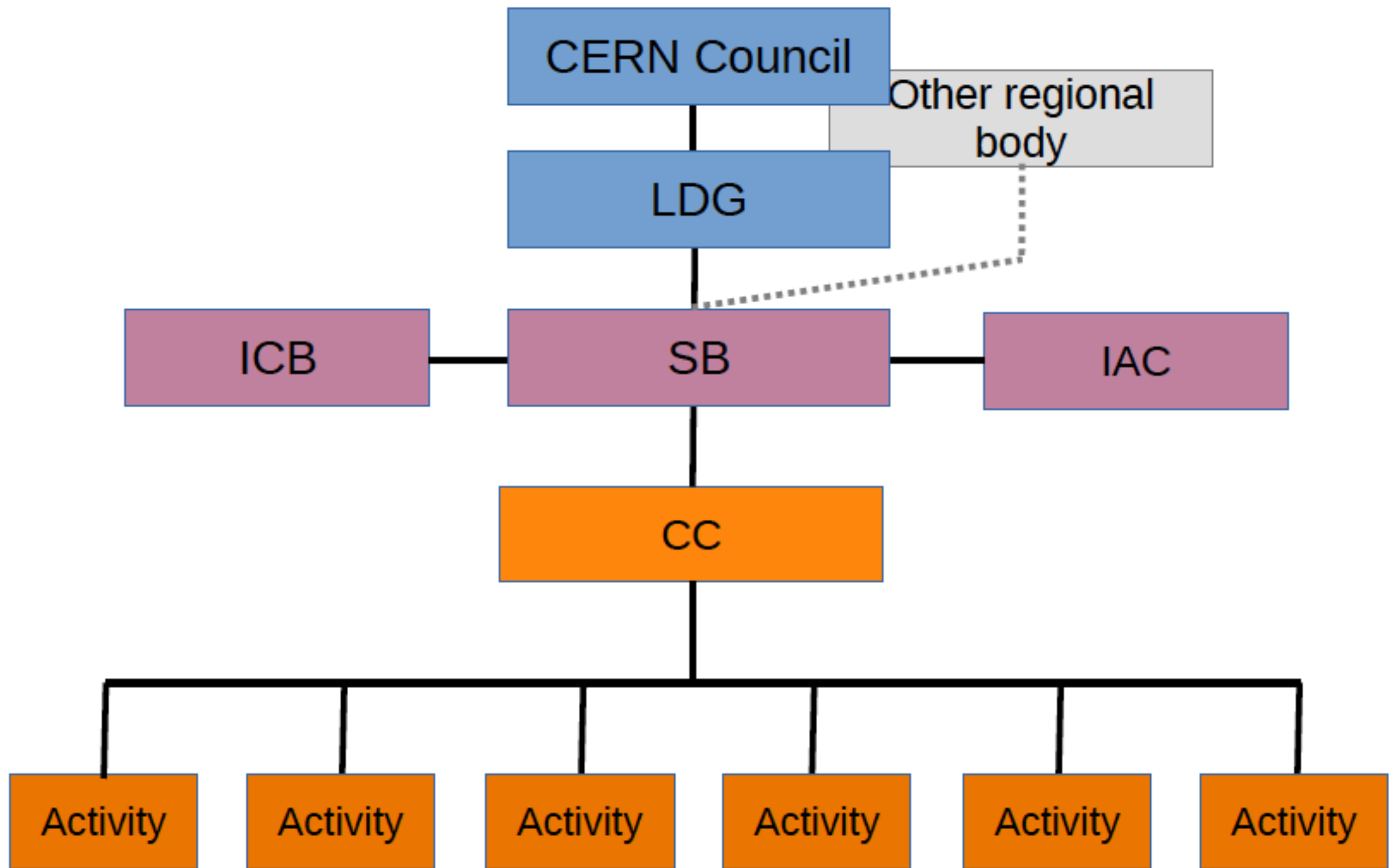
EUROPEAN STRATEGY FOR PARTICLE PHYSICS

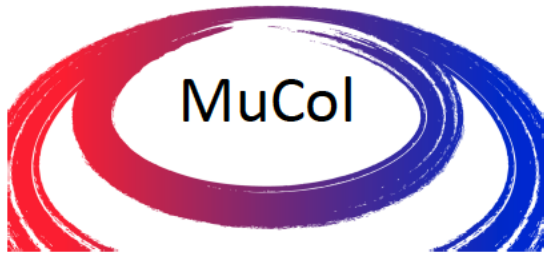
Accelerator R&D Roadmap



## **Bright muon beams and muon colliders**

D. Schulte, M. Palmer, T. Arndt,  
A. Chancé, J. P. Delahaye,  
A. Faus-Golfe, S. Gilardoni,  
P. Lebrun, K. Long, E. Métral,  
N. Pastrone, L. Quettier,  
T. Raubenheimer, C. Rogers,  
M. Seidel, D. Stratakis and  
A. Yamamoto,





## HORIZON-INFRA-2022-DEV Developing the European research infrastructure landscape

The goal of **MuCol** is to provide a coherent concept of an infrastructure for the production and collision of high energy and high luminosity muon beams

### MuCol

#### List of participants

Participant No. *		Participant organisation name	Short Name	Country
1 (Coordinator)	Beneficiary	Organisation Européenne pour la Recherche Nucléaire	CERN	IEIO
2	Beneficiary	Deutsches Elektronen-Synchrotron	DESY	DE
3	Beneficiary	Technische Universität Darmstadt	TUDa	DE
4	Beneficiary	Universität Rostock	UROS	DE
5	Beneficiary	Commissariat à l'énergie atomique et aux énergies alternatives	CEA	FR
6	Beneficiary	Istituto Nazionale di Fisica Nucleare	INFN	IT
7	Beneficiary	Università degli studi di Milano	UMIL	IT
8	Beneficiary	Università degli Studi di Padova	UNIPD	IT
9	Beneficiary	Universiteit Twente	UTWENTE	NL
10	Beneficiary	Laboratório de Instrumentação e Física Experimental de Partículas	LIP	PT
11	Beneficiary	European Spallation Source ERIC	ESS	SE
12	Beneficiary	Uppsala Universitet	UU	SE
13	Beneficiary	Imperial College of Science Technology and Medicine	Imperial	UK
14	Beneficiary	United Kingdom Research and Innovation	UKRI	UK
15	Beneficiary	University of Warwick	UWAR	UK
16	Beneficiary	University of Lancaster	ULA	UK
17	Beneficiary	University of Southampton	SOTON	UK
18	Beneficiary	University of Sussex	UOS	UK
19	Associate	Paul Scherrer Institute	PSI	CH
20	Associate	Université de Geneve	UNIGE	CH
21	Associate	Sun Yat-sen University	SYSU	CN
22	Associate	Karlsruher Institut Für Technologie	KIT	DE
23	Associate	Centre National de la Recherche Scientifique	CNRS	FR
24	Associate	Agenzia Nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile	ENEA	IT
25	Associate	Università degli Studi di Bologna	UNIBO	IT
26	Associate	Università degli Studi di Pavia	UNIPV	IT
27	Associate	University of Strathclyde	Strathclyde	UK
28	Associate	University of Huddersfield	HUD	UK
29	Associate	Royal Holloway and Bedford New College	RHLU	UK
30	Associate	University of Oxford	UOXF	UK
31	Associate	Iowa State University	ISU	US
32	Associate	Brookhaven National Laboratory	BNL	US

