

Report on Procurement for 2023- ILO Forum

Cristina Lara - Head of Procurement



Agenda

- ❖ Annual procurement report
- ❖ Activity 2023
- ❖ Annual expenditure 2000-2023
- ❖ Examples of contracts placed or finalized in 2023
- ❖ Industrial Return to Member States, supplies
Status from 1 March 2024 – 28 February 2025
- ❖ Feedback on 2023 thematic days

2023 Annual procurement report

Summary in paper Format

Full report presented through 13 tables in the web page available [here](#)

CERN Procurement Report

Download full report for year 2023: [Excel](#) [PDF](#)

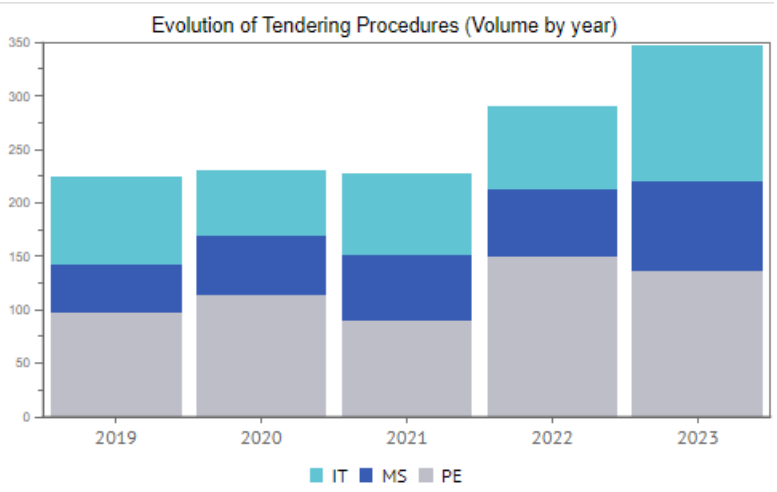
Table 1: Payments in 2023 for Supplies Year: 2023 Country: -ALL-

Country	Payments per procurement code (rounded kCHF) ¹													Totals			
	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Industrial return 2023 ²	Return coefficient 2023 ³	
Austria	755	296	67	219	895	307	-	-	-	9	1	55	16	2 619	0.51	1.31	
Belgium	168	100	334	156	627	17	-	3	30	21	55	380	71	1 961	0.31	0.51	
Bulgaria	46	3	2	1 525	27	1	-	-	-	-	-	12	1	1 618	1.99	0.24	
Switzerland	15 959	967	1 186	3 146	2 616	6 127	60	206	1 460	1 244	1 092	2 750	3 490	40 303	4.62	5.06	
Cyprus	-	9	-	-	58	-	-	-	-	-	-	-	-	2	69	0.33	0.44
Czech Republic	51	335	560	560	39	847	13	-	5	75	11	11	5	2 513	0.94	0.82	
Germany	4 786	3 891	3 956	1 436	4 610	9 235	226	343	1 224	1 675	423	775	632	33 209	0.69	0.91	
Denmark	1 417	58	190	36	1 521	36	-	27	-	-	8	156	66	3 514	0.83	0.36	
Estonia	-	81	73	390	19	-	-	-	-	-	-	1	-	564	2.16	1.02	
Spain	8 511	1 868	650	261	2 906	224	-	24	19	175	290	274	641	15 843	0.95	0.72	
Finland	170	474	100	11	1 469	20	51	-	-	195	1	28	7	2 526	0.82	0.52	
France	22 678	2 888	3 273	1 617	3 153	1 721	31	156	1 646	3 275	818	1 246	1 977	44 480	1.43	1.26	
United Kingdom	958	1 143	1 115	14 214	2 293	490	63	206	33	71	294	1 224	132	22 236	0.64	0.41	
Greece	68	69	195	15	611	-	-	-	-	-	27	18	87	1 090	0.48	0.63	
Croatia	-	6	1	-	196	28	-	-	-	18	45	-	2	296	1.54	0.58	
Hungary	1	191	529	463	33	2	-	-	-	9	-	12	1	1 241	0.73	1.41	
Israel	20	64	201	670	62	1 118	106	8	-	-	-	21	-2	2 267	0.47	0.21	
India	183	874	56	949	372	25	-	-	-	9	12	52	26	2 558	0.79	0.39	
Italy	24 716	5 028	885	23	1 212	1 257	21	21	143	110	967	500	803	35 686	1.54	1.31	
Lithuania	-	12	25	12	33	-	-	22	-	-	-	1	1	107	0.56	1.09	
Latvia	-	-	-	167	28	-	-	-	-	1	-	-	2	199	0.99	0.68	
Netherlands	85	939	160	2 562	417	1 559	11	1	35	83	119	396	199	6 564	0.59	0.78	
Norway	6	87	34	66	595	79	-	-	-	-	1	546	558	1 972	0.4	0.41	
Pakistan	-	-	-	-	1	-	-	-	-	4	-	-	4	8	0.02	0.56	
Poland	13	499	171	987	108	784	-	22	-	259	87	151	170	3 251	0.46	0.74	
Portugal	376	132	7	8	159	8	-	-	408	-	5	241	156	1 498	0.59	0.78	
Romania	74	102	121	161	698	18	-	5	-	22	5	-	22	1 227	0.42	0.74	
Serbia	47	341	6	-	82	-	-	-	-	-	-	5	5	486	0.79	0.42	
Sweden	104	127	150	500	575	473	-	29	9	5	141	55	12	2 181	0.37	0.61	
Slovenia	-	24	60	-	145	-	-	-	-	-	150	6	11	397	0.94	0.83	
Slovakia	60	58	12	309	46	-	-	27	-	5	216	5	5	744	0.61	0.86	
Republic Of Turkiye	193	889	7	31	151	-	-	137	-	84	1 198	79	83	2 852	3.15	1.17	
Ukraine	1	-	-	-	14	-	-	-	-	30	-	-	-	46	0.24	0.29	
Sub-Total Member States	81 446	21 555	14 124	30 496	25 772	24 376	583	1 237	5 011	7 379	5 966	8 998	9 184	236 125			

- Detailed information about:
- payments for Supplies and Services and per contract range
 - payments funded by non-MS contributions
 - status of MS from 1st March
 - overall return coef (supplies+services+utilities)
 - orders <1kCHF
 - list of utilities
 - alignment cases
 - BVFM adjudications
 - list of B and X contracts
 - list of orders >50kCHF (commitments)



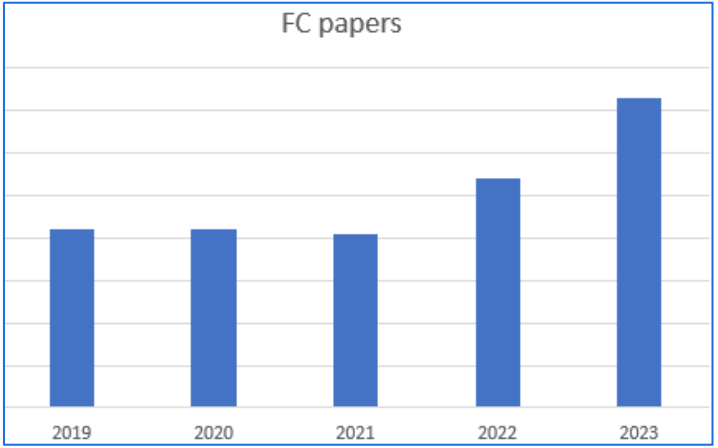
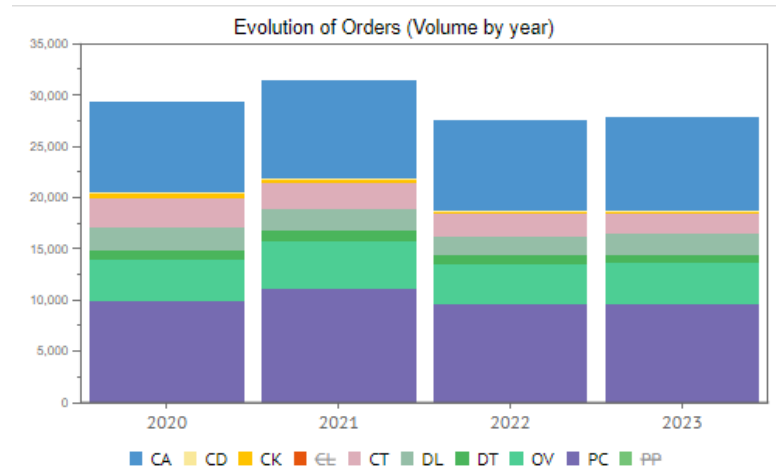
Activity 2023



Tendering procedures:

- **63% more ITs** than in 2022
- **36% more MSs** than in 2022
- **10% less DOs** than in 2022 (lack of time)

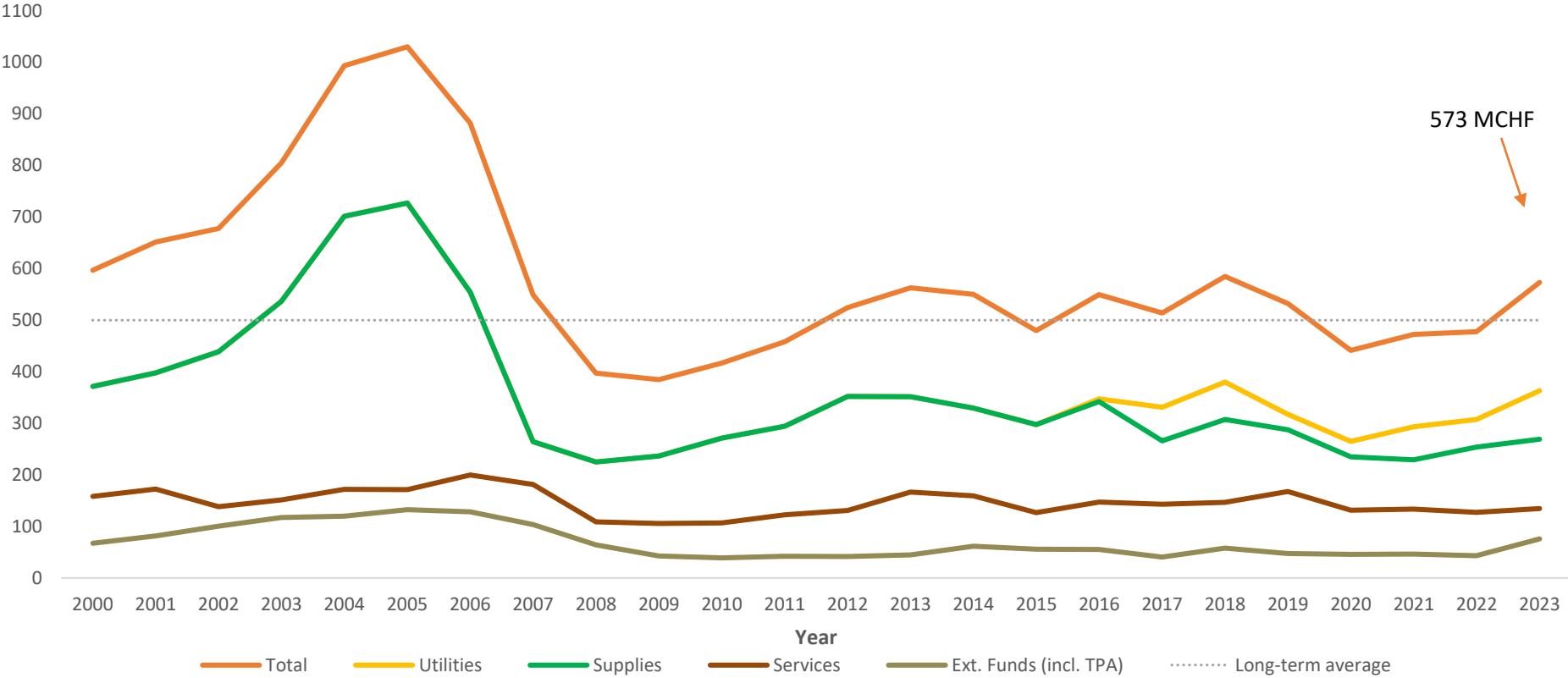
35% increase



35% increase



Annual expenditure 2000-2023



20% more than in 2022: mainly due to electricity consumption

Examples of contracts placed or finalized in 2023



- Retendering of FSU contracts
 - Retendering of other service contracts:
 - cleaning on Swiss part,
 - ICT support
 - industrial controls, etc.
- Extensive use of temporary labour services across CERN



Inauguration of SGW in Oct 2023



Renovation of Bld 60



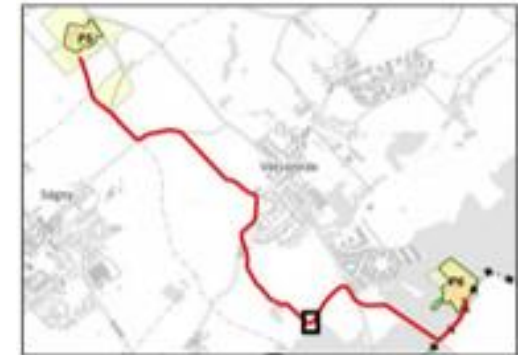
Architectural and consultancy services for Bld 777



Prévessin Computing Centre



66kV substation, powerline P6-P5



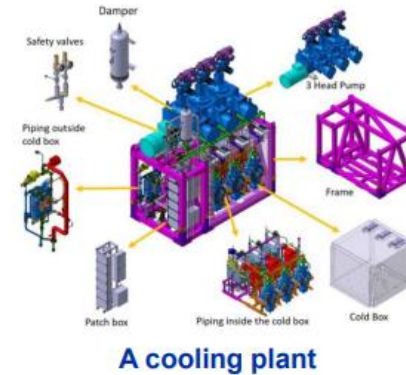
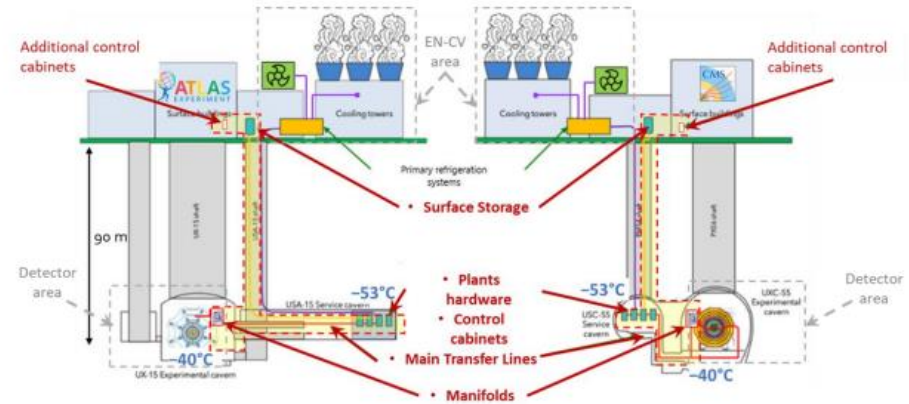
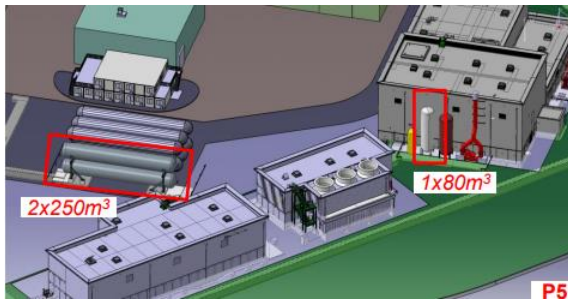
Accelerators and Experiments Programme



Cast-resin dry-type power transformers and switchboards



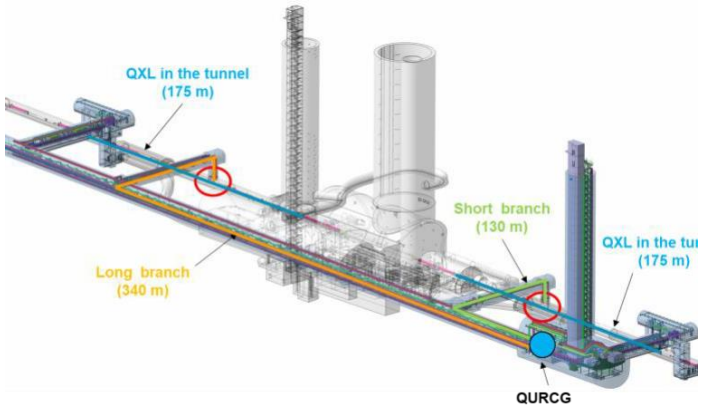
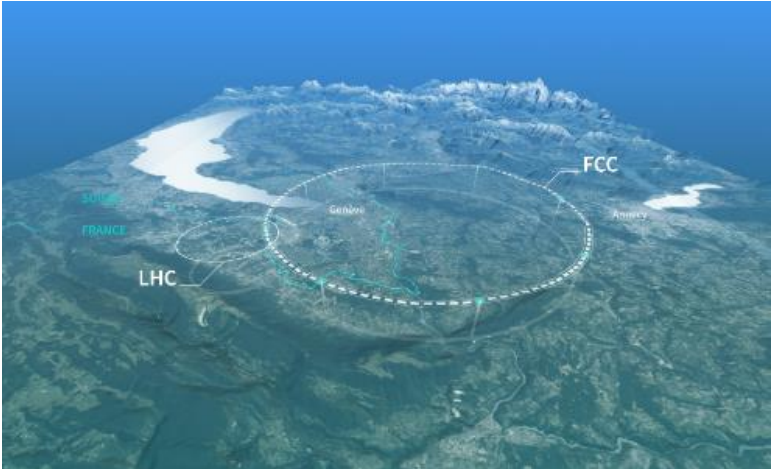
Vessels for gaseous helium at P1 and P5



2 contracts for 16 CO₂ cooling plants and 14 accumulators for ATLAS & CMS upgrades

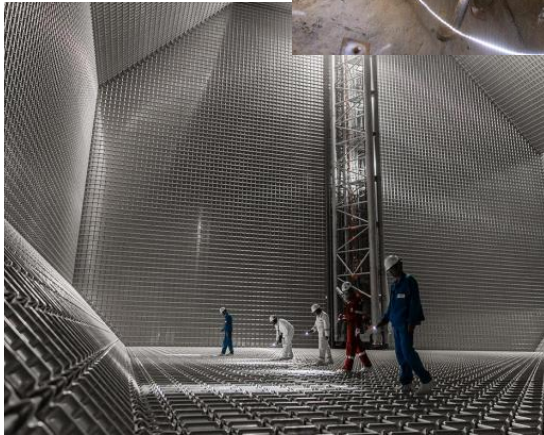
Accelerators and Experiments Programme

FCC feasibility studies (2 contracts approved for site investigation work)



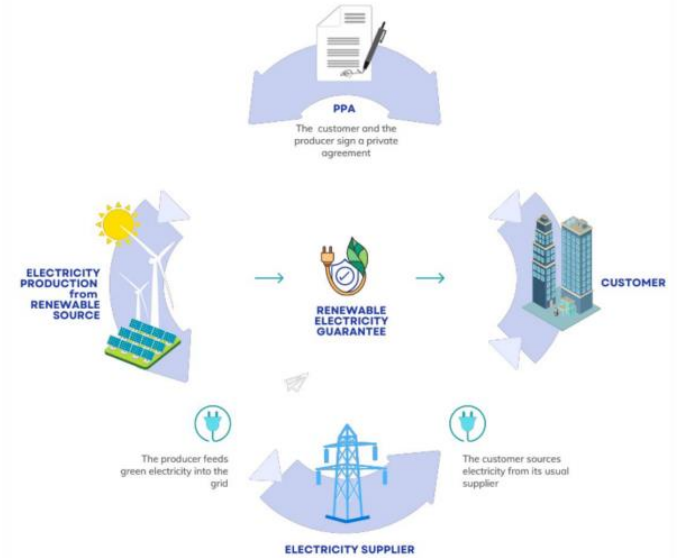
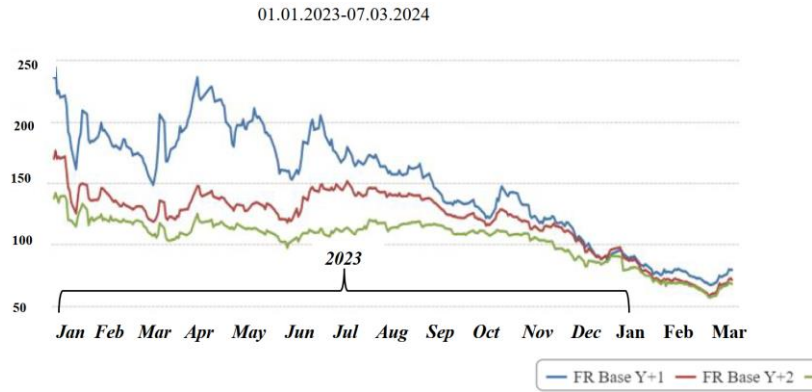
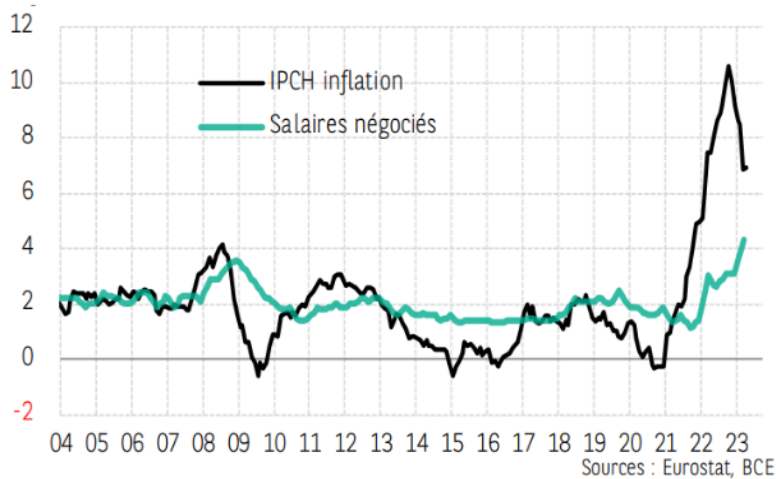
North Area consolidation

CERN in-kind contribution to DUNE



But also...

Zone euro : salaires et inflation IPCH (g.a., %)

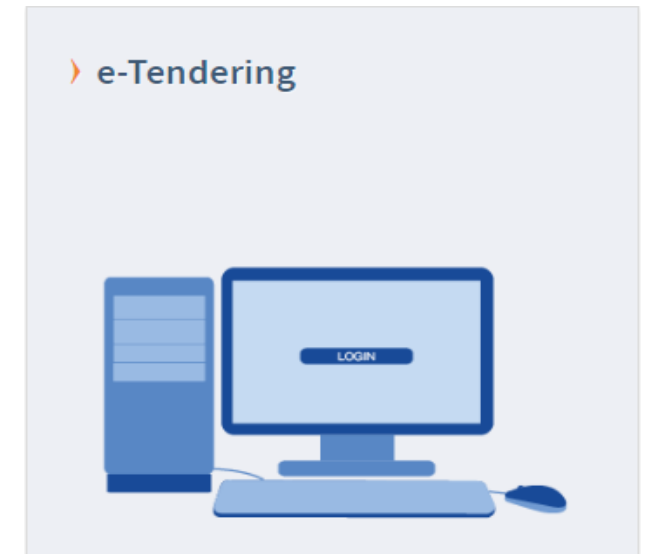


Significant negotiations on inflation and price revisions on existing contracts , contract follow up

ISO50001 implementation
Follow-up of electricity consumption contract

2 solar PPAs approved for 2027

Improving how we deliver



- ✓ New General Conditions of CERN Contracts and IT (May 2023)
- ✓ Templates services
- ✓ Changes to Procurement Rules proposed

- Policy approved in June 2023
Implementation plan in Dec 2023:
- ✓ Training
 - ✓ Assess supplier's maturity
 - ✓ Carry out pilot projects

- Tools, digitisation :
- ✓ TRELLO
 - ✓ New platform for DOs < 50kCHF
 - ✓ New MS platform (soon available)

Industrial return coefficient for supplies

Based on payments

Industrial
return
coefficient

For Supply contracts and for a 12-month period starting on 1st March, defined as:

*“The **ratio** between a Member State's percentage share of the value of all Supply contracts during the preceding 4 years and that Member State's percentage contribution to the CERN Budget over the same period”.*

Excluding:

- ✓ Purchases funded by non-Member States (i.e. non CERN money)
- ✓ Purchases originated in non-Member States (US, CN, etc)

Status
definition

Over a 4-year period:








- Very poorly balanced : < 0.40 (not defined in PR as such)
- Poorly balanced (PB) : $0.40 \geq x < 1$
- Well balanced (WB): ≥ 1

Industrial Return to Member States, supplies Status from 1 March 2024 – 28 February 2025






Well Balanced

 Austria
 Estonia*
 France
 Italy
 Lithuania*
 Switzerland
 Turkey*

Poorly Balanced

 Belgium
 Bulgaria
 Croatia*
 Cyprus*
 Czech Republic
 Denmark
 Finland
 Germany
 Greece
 Hungary
 India*
 Latvia*
 Netherlands
 Norway
 Poland
 Portugal
 Serbia
 Slovak Republic
 Slovenia*
 Spain
 United Kingdom

Very Poorly Balanced

 Israel
 Pakistan**
 Romania
 Sweden
 Ukraine**

Feedback on 2023 thematic days

Date	Event Type	Format	Participants
25 - 26 May 2023	Civil engineering Business Forum	Hybrid	92 companies (48 on site, 44 remote)
28 Nov 2023	<i>PCB and Electronics Card Assembly</i>	<i>On Line</i>	<i>Registration opened through B2Match platform</i>

Feedback from CE Business Forum

Participation and statistics:

- 48 companies on site (with a majority of local FR(14) and CH(20) considering the specific characteristics of construction works)
- 49 companies virtual
- 12 countries represented with following breakdown
- Min of 50 on-site one-to-one meetings between companies and CERN representatives but also between companies

Row Labels	On-site participants	Remote participants
Belgium	1	9
Denmark	1	
France	19	7
Italy	2	5
Netherlands		1
Poland	11	2
Portugal	2	11
Serbia	1	1
Slovenia		1
Spain	6	5
Switzerland	37	2
Turkey		2
United Kingdom		3
Grand Total of Participants (Company+Other)	80	49

Feedback from PCB and Electronic Cards assembly Manufacturing

On-line Participation and statistics:

- 59 companies attended
- 17 countries represented with following breakdown
- 64 one-to-one meetings between companies and CERN representatives but also between companies

Note:

Lighter Process : Selection prior invitation of firms based on a questionnaire on B2Match Platform

	Remote
Belgium	2
Croatia	1
Finland	1
France	4
Germany	7
Greece	1
India	3
Italy	7
Netherlands	2
Norway	4
Poland	3
Portugal	1
Slovakia	1
Slovenia	11
Spain	6
Sweden	1
United Kingdom	4
Grand Total	59

