



Climate Change

C3S Energy Stakeholder Workshop

Consultation on data and indicators



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 **ECMWF**





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Discussion topic 2: Ideas for new energy indicators

ENERGY INDICATORS					
Electricity Demand	Historical	B.o. ERA5	1 day	Country	Country
	Seasonal	B.o. EC, MF, MO	1 day	Country	Country
	Projection	B.o. E-Cordex	1 day	Country	Country
Wind Power (onshore and offshore)	Historical	B.o. ERA5	1 hour	0.25 deg	C&C
	Seasonal	B.o. EC, MF, MO	6 hours	1 deg	Country
	Projection	B.o. E-Cordex	3 hours	0.25 deg	C&C
Solar Power (PV)	Historical	B.o. ERA5	1 hour	0.25 deg	C&C
	Seasonal	B.o. EC, MF, MO	1 day	1 deg	Country
	Projection	B.o. E-Cordex	3 hours	0.25 deg	C&C
Hydro Power (Run-of-River and Reservoir)	Historical	B.o. ERA5	1 day	Country	Country
	Seasonal	B.o. EC, MF, MO	1 day	Country	Country
	Projection	B.o. E-Cordex	1 day	Country	Country



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In the poll we will ask you to choose indicators that would be of direct interest to you

You can tick several boxes

If an indicator you would need is not in the list, please tick 'other', then write in the chat:

« new indicator: NAME_OF_INDICATOR »

For instance:

New indicator : gas demand



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Energy indicators can be computed using physical models or statistical models. The latter require historical observations/estimations of the indicator. And both kind of models require data for validation purposes.

Please type in the chat names/references/links to datasets you know could be used for such purposes.

Please use the format:

AREA – Indicator – Dataset name/reference/link

For instance:

EU – load and generation– ENTSOE TP - <https://transparency.entsoe.eu/>



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