

Materialien bei Mundo und ORSI identifiziert anhand einer Liste von Schlagworten.

Materialien bei WirLernenOnline, die entweder den beiden Fachportalen "Bildung für nachhaltige Entwicklung" zugeordnet sind oder aber dem Fach "Nachhaltigkeit".

A	OER Public Domain, CC0, CC-BY, CC-BY-SA
B	other CC licences that restrict NC or ND
C	other free access (i.e. school broadcast)
D	licence information is missing

OER and other free accessible educational content regarding sustainability in Germany

Data collected from 4 central referatories

by WirLernenOnline.de team in June 2024

		Elementary Sector 300				School Sector 43.000								Vocational / Adult edu. 5.000								Higher Education Sector 5.200												
		Kita.bayern, WirLernenOnline 285				Mundo [1] 80				WirLernenOnline 28.063				Mundo [2] 14.940				WirLernenOnline 2.754				Mundo [3] 2.169				OERSI.org [4] 4.264				WirLernenOnline 861				
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	
		54	21	174	36	9	0	71	0	5.300	5.177	6.929	10.657	5.928	1.657	7.040	315	532	395	1.274	553	738	484	927	20	2.242	1.730	0	292	218	122	398	123	
		200				13.900				1.600				2.600																				
Umweltgefährdung, Umweltschutz	Environmental Risks & Protection			3	1	1		10		36	39	145	76	256	170	562	24	10	4	26	11	116	66	153	2					9	2	3	11	
Agrarwirtschaft	Agriculture							1		1	1	10		79	21	34	10	1	1	7		66	5	27	1					1				
Ingenieurwissenschaften, Arbeitslehre	Engineering																									1.076	318		53					
Farbtechnik und Raumgestaltung	Color technology and interior design									1																								
Informatik	Computer Science	2		1						75	20	86	16	48	20	33		11	16	17		5	13	2									1	
Elektrotechnik	Electrical Engineering									1	2	17		8						4		1											1	
Werken	Handicrafts (school sector)												4			1								1										
Hauswirtschaft	Housekeeping									1		2	1	18	1		11	1					12		1								1	
Metalltechnik	Metal Technology											3				2								2										
Bautechnik	Structural Engineering													1	1							1	1											
Textiltechnik und Bekleidung	Textile Engineering, Clothing																																	
Holztechnik	Wood technology														2								2											
Berufliche Bildung	professional orientation (in schools)									6	7	10	127	161	38	82	23	5	5	7		110	13	33	3								1	2
Kunst, Kunstwissenschaft	Art																									19	79		7					
Kunst	Art	1		3				3		60	17	138	29	55	14	30		3	10	7		4		1						1	10			
Darstellendes Spiel	Acting									4	2	14								1													2	
Musik	Music		3							6	4	14	6	7	1	22	2			3		3								2	3		1	
Allgemein, Sonstiges, Unzugeordnet (missing value)	General, Miscellaneous, Unallocated - missing value -																									333	205		23					
Allgemein	General	12			1	2				153	73	446	603	159	31	2.988	30	75	11	45	3	12	12	98						38	3	28	3	
Nachhaltigkeit	Sustainability	4	3	75	2					585	97	847	84					96	38	338	34									49	31	168	34	
Open Educational Resources	Open Educational Resources*	6								14	1	1						8	1	1										1			1	
Sucht und Prävention	Addiction and Prevention																																	
Ukrainische Schulbücher	ukrainian textbooks (several subj.)																																	
Zeitgemäße Bildung	Contemporary Education*	3		1						9	1	29	1					4		16										2			7	
Weiterbildung	Further Training									2	1				4	2		9	1				2	2						9				
Sonstiges	Miscellaneous									1		1						12		1										12				
Quellen zu Nachhaltigkeit, die noch nicht von einer der großen Sammelstellen erfasst wurden und somit noch nicht den Detailkategorien zuordenbar sind. Die Zahlen gehen nur in die Gesamtsumme der Sektoren auf Basis einer redaktionellen Abschätzung ein.																																		
BNE-Portal des BMBF					82									1.193							194									121				
Globales Lernen / BNE in der Schule														131																				
Service Portal für Verbraucherbildung					2									81							21													
Bildungsserver Elixir Suche "Umwelterziehung"					63									1.263							152													

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Fach	

Total OER (rounded):

Elementary Sector 300				School Sector 43.000								Vocational / Adult edu. 5.000								Higher Education Sector 5.200											
KITA.bayern, WirLernenOnline				Mundo [1]				WirLernenOnline				Mundo [2]				WirLernenOnline				Mundo [3]				OERSI.org [4]				WirLernenOnline			
285				80				28.063				14.940				2.754				2.169				4.264				861			
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
54	21	174	36	9	0	71	0	5.300	5.177	6.929	10.657	5.928	1.657	7.040	315	532	395	1.274	553	738	484	927	20	2.242	1.730	0	292	218	122	398	123
200				200				13.900				1.600				2.600															

****The table represent so far centrally* collected OER and other free accessible content according to the knowledge of the WLO team as of June 2024.
* This includes the inventory of:

1. KITA.bayern, which started to compile content in the elementary sector. The data was requested from the WirLernenOnline.de referatorium. The content is available via KITA.bayern and WirLernenOnline. Number of active user see WirLernenOnline.
2. WeLearnOnline launched its search engine in April 2020 with more than 30.000 free educational contents to support schools in the Corona pandemic. Today more than 200.000 materials have being collected from all education sectors. AI and other automatic metadata generators and quality checks are being developed. This Project has been founded by the German OER Community (Bündnis Freie Bildung and JOINTLY.info Project) and has been funded by the German government*. The WirLernenOnline.de portal has 600.000 user (The main target group of German teachers at general schools comprises 790,608 teachers) Concepts and technical solution are under free licences.
3. Mundo.schule since autumn 2020 is the showcase of Sodix, a referatory commissioned by the German states.
4. OERSI.org, which indexes OER from the Länder referatoriums in the higher education sector.

These referatories collect largely free accessible content. Just the first column is known as OER.
- OER includes the following licenses: CC0, CC-BY, CC-BY-SA, PDM
- other CC includes creative commons licences which restrict non commercial (NC) or non derivatives (ND)
- other free access includes free accessible content with other licences including copyright, for instance school broadcast
- missing metadata counts all contents where no licence is tagged. Reusable and editable content is also believed to be included in this set, but the publishers did not clearly indicate this.

Estimated overlapping of 10% between WirLernenOnline and Mundo sources have been eliminated.

*The JOINTLY.info and WirLernenOnline.de (WLO) projects funded by the German Federal Ministry of Research and Education (BMBF) made it possible to compile these statistical figures. The OERinfo funding programme enabled to start cooperation for the preparation of data formats and technical interfaces through which metadata and statistical analyses are possible today.

This data do not present the complete sum of all OER in Germany. From our point of view, the 4 projects seem to be the OER development projects of the respective educational sectors with the largest content inventory. They are indexing other units, but have not yet indexed all the content stocks in Germany.

We hope that this first statistic can revitalise the communication in Germany about a common systematic statistical collection. For this purpose, concepts from cooperations around JOINTLY.info and technical preliminary work from WirLernenOnline can be used. Such statistical overviews shall be integrated in central OER Websites like OERinfo and WirLernenOnline or OERSI.



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The Author shall be named as "WirLernenOnline.de Team"

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