

# ZCS was founded in 1987. 36th anniversary in 2023 !



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HVAC Solutions  
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## Multilingual high level language applications ( 6280 licenses )

**AHH** Mollier-HX-Diagram and Psychrometric chart  
All technical processes with humid air  
Meteorological data and comfort zones  
Range: -100 to 300°C, 0 to 1000 g/kg, 0.03 to 16 bar  
14 applications for air conditioning included

**CCSX** Draw internal hydraulic coupling for fin coil heat exchanger in circuit connected systems

**SIC** Draw internal hydraulic coupling for fin coil heat exchanger in default applications

Sales share 30%

## Multilingual Excel based applications ( 1462 licenses )

**HEH** 30 different fin coil heat exchanger calculations  
**CCS** 10 different circuit connected system calculations  
**EAC** Economy comparison of circuit connected systems  
**DEH** Economy for AHUs with different energy recovery systems  
**ADD** Further 50 different applications for diverse HVAC uses like air to air plates, rotors, smooth tube heat exchangers like intersection point between heat exchanger and fan like spiral rib and micro channel heat exchanger like glycol re-cooler, evaporative coolers and condensers

Sales share 70%

## Annual net profit at ZCS

2018: CHF 92'047 (71%)  
2019: CHF 86'341 (66%)  
2020: CHF 85'531 (66%)  
2021: CHF 98'491 (68%)  
2022: CHF 97'660 (61%)

(Climate branch: 5% to 10%)  
(Software branch: 10% to 20%)  
(Chemistry branch: 20% to 40%)

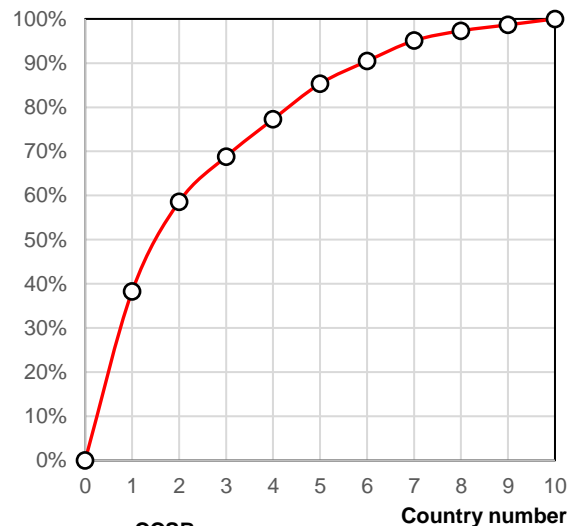
## Employee at ZCS

Grad.-Eng. Marin Zeller TU (100%)  
Stanislav Korniliev (20%)

There are offers to takeover ZCS up to 3 million euros, which were not considered because these parties were not neutral and would not have takeover all existing

No	Country	Number of licenses					Total
		AHH CCSX SIC	HEH CCS	EAC DEH	ADD		
1	Germany	2450	344	129	42	2965	
2	Switzerland	1300	201	52	18	1571	
3	Italy	673	91	2	27	793	
4	Netherlands	577	66	7	3	653	
5	Various countries	393	206	17	8	624	
6	Austria	367	13	13	3	396	
7	France	356	0	3	0	359	
8	Denmark	132	34	2	4	172	
9	United Kingdom	25	67	6	7	105	
10	Turkey	7	78	10	9	104	
Total	Total	6280	1100	241	121	7742	

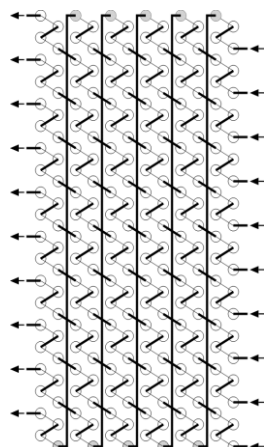
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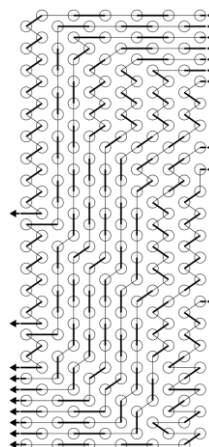
Fin coil heat exchanger



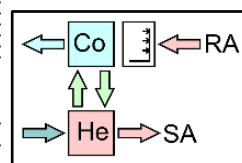
CCSX



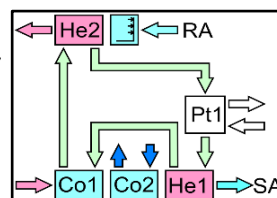
SIC



CCSB



CCSF



Country number

CCSD

