1977

2002 2006 2013

2018 2019

2009

2023

1324.5 57 17042

1127 909 21

13 436 14

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12 8 6

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6 4 29

500 200 700

2 60 6

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18

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3304 461 1

2022-2023 1 2022

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57 9 3 1

6 6 1 6 19 10 5

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1 2023 8 31

| | | | |
|---|---|---|---|
| | | | % |
| | | 3 | 5.26% |
| | | 1 | 1.75% |
| | | 6 | 10.53% |
| | | 6 | 10.53% |
| | | 1 | 1.75% |
| | | 6 | 10.53% |

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| | | | % |
| | | 19 | 33.33% |
| | | 10 | 17.55% |
| | | 5 | 8.77% |
| | | 57 | 100% |

2023 9 30 17042

2023 4500 4499 4447
99.98% 98.84% 400 1093
663 263 400 50 3786
4192 2022
510 15 500
5 518 36 486
4
482 42 467
40 2022 3076
5 7

2 3

2

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| | A | 110 | 290 | 0 | 495 | 482 | 0 | 4.65 | 4.82 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |
| | A | 755 | 1965 | 0 | 440 | 427 | 0 | 47.17 | 47.03 | 0 |
| | A | 21 | 23 | 0 | 465 | 409 | 0 | 71.98 | 78.77 | 0 |
| | | 19 | 11 | 0 | 430 | 439 | 0 | 85 | 71.54 | 0 |
| | A | 0 | 35 | 0 | 0 | 337 | | | | |

4 5

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|---|---|---|---|---|
| | 909 | 249 | 1033.5 | 16.52 |
| | 852 | 261 | 982.5 | 17.38 |

5

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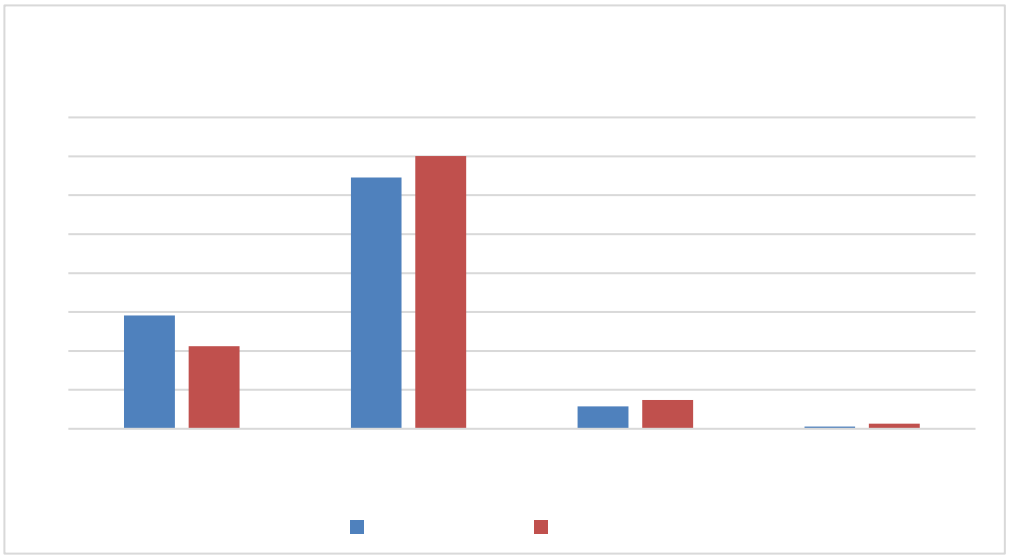
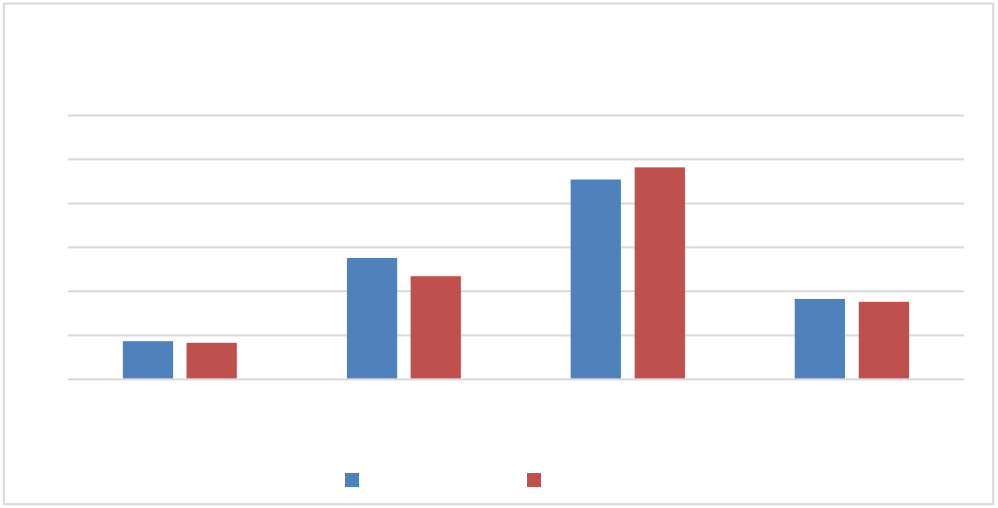
|---|---|---|---|---|---|
| | | | | | |
| | | | **%** | | **%** |
| | | 909 | / | 249 | / |
| | | 79 | 8.69 | 40 | 16.06 |
| | | 73 | 8.03 | 35 | 14.06 |
| | | 251 | 27.61 | 94 | 37.75 |
| | | 225 | 24.75 | 16 | 6.43 |
| | | 413 | 45.43 | 71 | 28.51 |

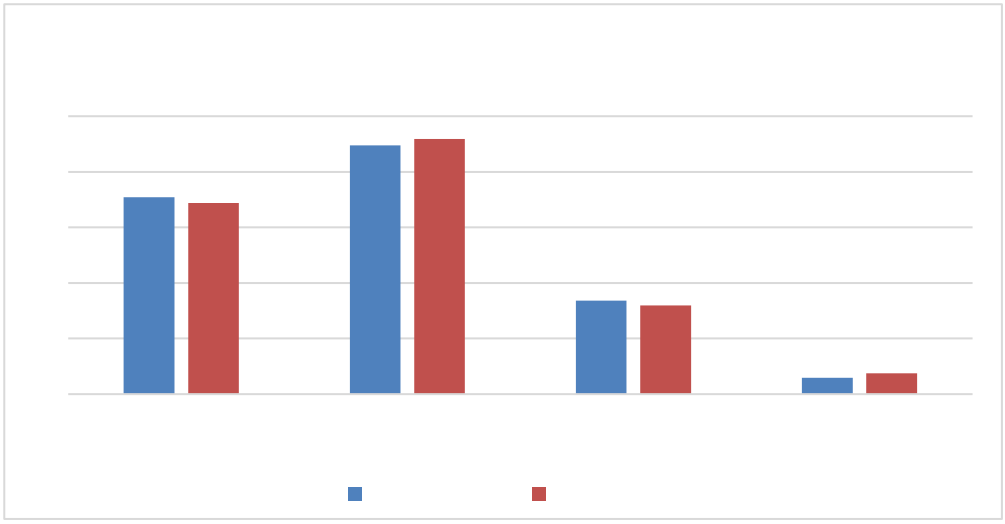
379



1 %



2 %



3 %

909 249 1033.5
17042 326 17074.6 16.52:1

830 49.05%
1815 35.83%
215 12.71%
350 6.91% 213
12.59% 348 6.87%
712 42.08% 1500 29.61%
657 38.83%
1386 27.36%
75 79
94.94% 13 13
100.00% 42 55.26%
329
46.87% 6

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| [redacted] | | |

[redacted]

| | 2023 | 2022 |
|---|---|---|
| | 293.98 | 165-87 |

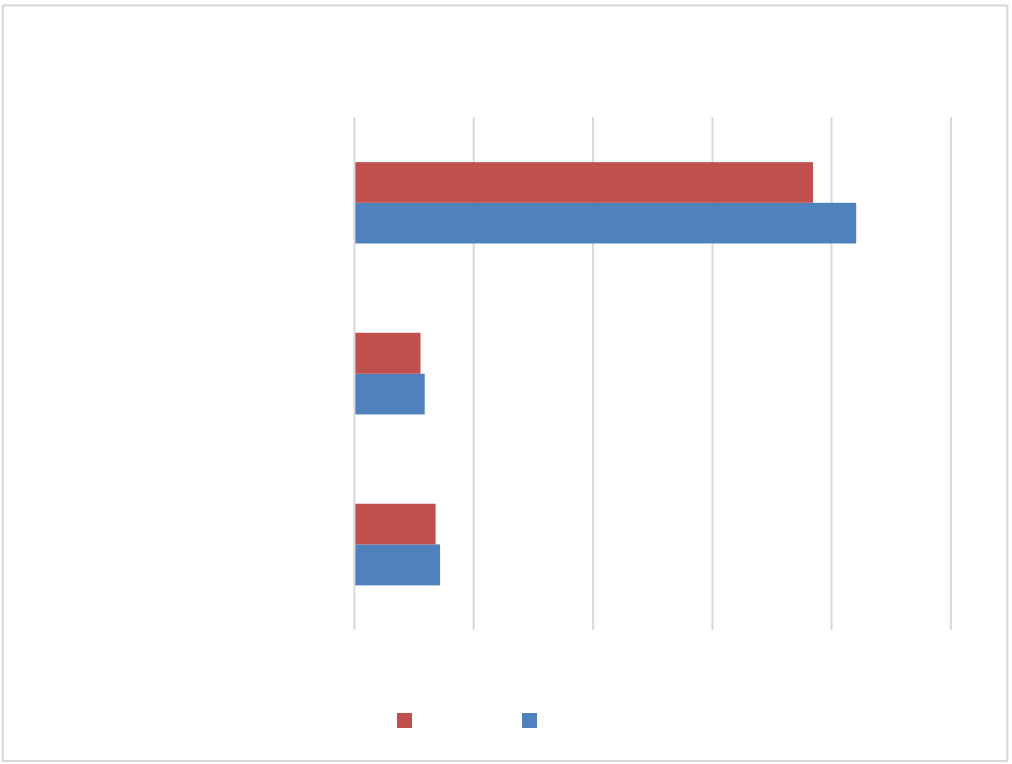
2022 3591.5

501 612.15

2103.42 293.98 359.2

2021

4



4

1.

88.30 m² 88.30 m² 39.26 m²

19.9850 m² 6.0921 m² 1848.0m²

7.8223 m² 0.5123 m²

7.7987 m²

10

10 17042

| | | |
|---|---|---|
| | | |
| | 883015.00 | 51.81 |
| | 392588.60 | 23.04 |
| | 199850.0 | 11.73 |
| | 78223.0 | 4.59 |
| | 5123.0 | 0.30 |
| | 77987.0 | 4.58 |

2.

15 4

2 2 9

2.01 1.18

3366.35 20.09%

14921 1.916

10 294 7454.18 17042

1.12

3.

1 4 m² 3 m² 2087

121.6272 2.3096 79.0083

50 56.8884 133.5136

34341 117 71.23

.

112

91 119 2022 706148

18504920 815694 61017

4.

20Gbps 50Gbps

2.6 3 15TB

IPV6 Eduroam Carsi CPU 1600

8TB 800TB

OA 27

180

209 21

125 2 1 10

830 60

MOOC

600 75

60

ICT

3 12

2022-2025

2022-2023

8

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2022 11

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2023 ·

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8

48 (e )

MOOC

12 13

3700

MOOC 69 37 170

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21

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5 6 15 70

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19

2 4 6 7

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16 4 14

1 60 47

222 285

2022-2023

2023 1723 2022 5.3%
1933 3.0%

15 310
35046 2023 8 4
2 4
2 41724.2
6752 300
92 3000

26 8

31% 20 77%

100%

2023

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4% 4369 2023

570 39.12%

7.41 4268

91.06%

65.35% 99.53%

2024

63 300 7
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222 2023
10 36
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+

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“ ”

2023 8
44 45 36 4

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4 + 5

220 53 107

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736 2023

136 40

+ 1 7

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6 21 14

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9 8 1 1

2022 4016

43

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400

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11 4

2022

2023 5

2023

24 6 8 10.26% 2

2022

+ 60

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2022-2023

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OBE

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2021

2024

2023 2024

2023 5

15

310 35000

20 4700

270 1

12 3220 145

58% 47 10

60 50

1656 4991 174

32.54 3.44 29.29 3803.44

1996.12 931.08

6

- -

321

4 5

1+1

+ 40 2 1

2023 10.26% 92.28%

12

13

60 1080

2022 1.18 3366.35

5797.76 293.98

168 10

15 30

9

1690 90

- - -

8 3

37.5% 17 1

7 3 42.86% 37

35 94.6% 331

37

1640

14

331

2021-2022

2021-2022

2 600

2023 2025

89.08%

70.85% 80.25% 75.93% 56%

90.00%

89.30% 91.85%

86.45% 77.20%

88.90%

736 587
149 217 183 34
35 6 584
84.4%

2023 4416 4288 97.1%
99.51%

2023

98%

2021

- -

2023-2025

OBE

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OBE

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89.08%

70.85% 80.25% 75.93% 56%

90.00%

89.30% 91.85%

86.45% 77.20%

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25.

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98%