



MEASURING WIND SPEED

Etwinning group 8

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INTRODUCTION

- Your assignment is to measure the wind speed for one week at the same time as we and always on the same spot.
- For your wind indicator, you will need scissors, crepe paper rolls, a wooden stick and a hot gun. You will cut crepe paper into approximately equal lengths of stripes and glue them to a wooden stick with a hot glue gun.
- Then you will need to measure the wind with your wind indicator every day at 4pm (the Iceland group at 3pm) and grade its speed/power according to the Beaufort scale.
- Then you will check how accurate your grade was by checking the wind speed/power in the app: Wind free.



RESULTS IN SPAIN

We made a different handicraft, because we hadn't got the appropriate materials.



Fustiñana at 4pm	Our guess according to the Beaufort scale	According to the weather forecast
16.03.2020	3 (12 - 19 km/h)	3 (15 km/h)
17.03.2020	2 (6 - 11 km/h)	3 (14 km/h)
18.03.2020	3 (12 - 19 km/h)	3 (18 km/h)
19.03.2020	4 (20 - 28 km/h)	5 (30 km/h)
20.03.2020	4 (20 - 28 km/h)	4 (20 km/h)

- The Spanish team made a different wind meter and estimated their measurements fairly correctly due to the actual wind speed.

RESULTS IN ICELAND

Seltjarnarnes at 3pm	Our guess according to the Beaufort scale	According to the weather forecast
16.03.2020	2 (1,6-3,3 m/s)	3 (5 m/s)
17.03.2020	4 (5,5-7,9 m/s)	5 (10 m/s)
18.03.2020	5 (8,0 – 10,7 m/s)	7 (13 m/s)
19.03.2020	5 (8,0 – 10,7 m/s)	4 (6 m/s)
20.03.2020	7 (13,9 – 17,1 m/s)	7 (14 m/s)

- The Icelandic team performed the measurements and estimated them fairly accurately.

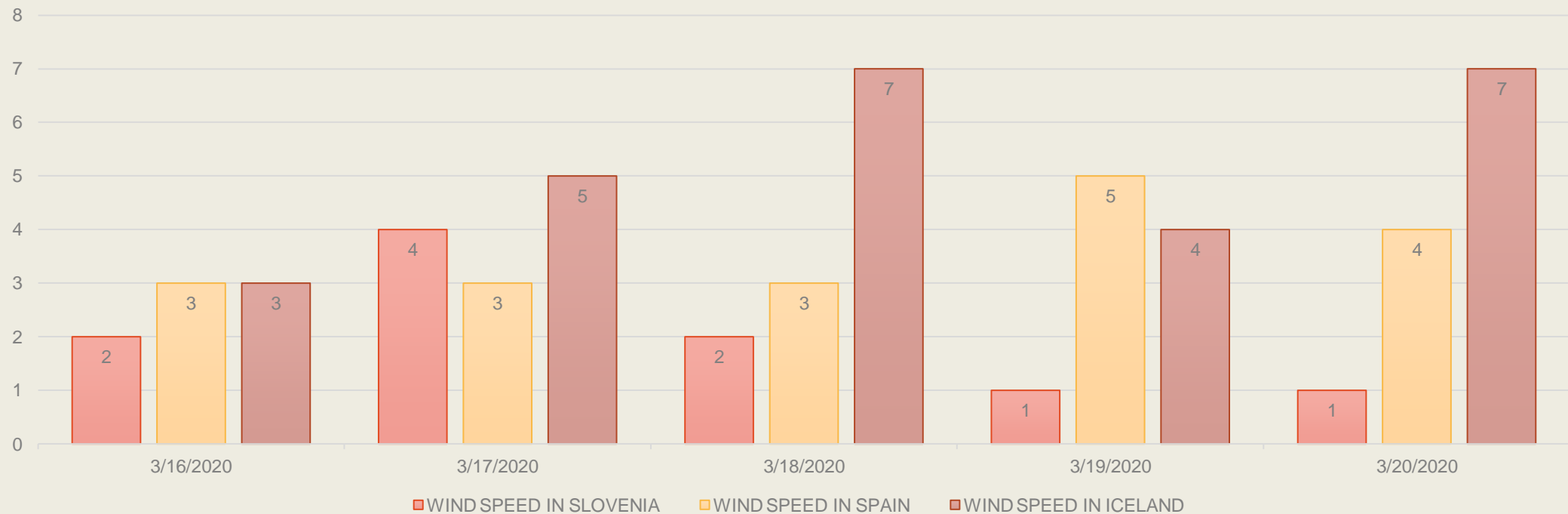
RESULTS IN SLOVENIA

DATUM	NAŠA OCENA GLEDE NA BEAUFOTOVO LESTVICO	DEJANSKA HITROST
16.03.2020	3 (12-19 km/h)	2 (5,6-11 km/h)
17.03.2020	5 (29-38 km/h)	4 (20-28 km/h)
18.03.2020	4 (20-28 km/h)	2 (5,6-11 km/h)
19.03.2020	1 (1,1-5 km/h)	1 (1,1-5 km/h)
20.03.2020	1 (1,1-5 km/h)	1 (1,1-5 km/h)

- Our measurements were also fairly accurate.

CONCLUSION

WIND SPEED IN THREE DIFFERENT COUNTRIES



- We can see from the graph, that the wind speed is higher in Iceland, than in Sloveni and Spain.

REFERENCES

- App: [Wind free](#)

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