

# The impact of Covid-19 on Sustainable Development Andalusian Strategy 2030

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## INTRODUCTION

The Covid-19 has had important effects on the implementation of the Sustainable Development Goals (SDGs) and it's mandatory to know the consequences. However, measuring the impacts is complex due to the dimension of the goals as well as the lack of consolidated data. Therefore, the main goal of this research is to **quantify the impact of Covid-19** over the Sustainable Development Andalusian Strategy (the regional implementation of the SDGs) in order to propose strategies able to adapt it to post Covid-19 situation. Through a structural questionnaire, we requested to experts the assessment of the impact (positive, negative or null) over the 13 areas of the strategy.

## RESULTS

The strategy is made up of 13 areas, each one has a number of lines of action that contain between 2 and 12 actions. The table shows the average impact on each action in each area and the overall impact on the area.

Positive Without impact / ambiguous Negative



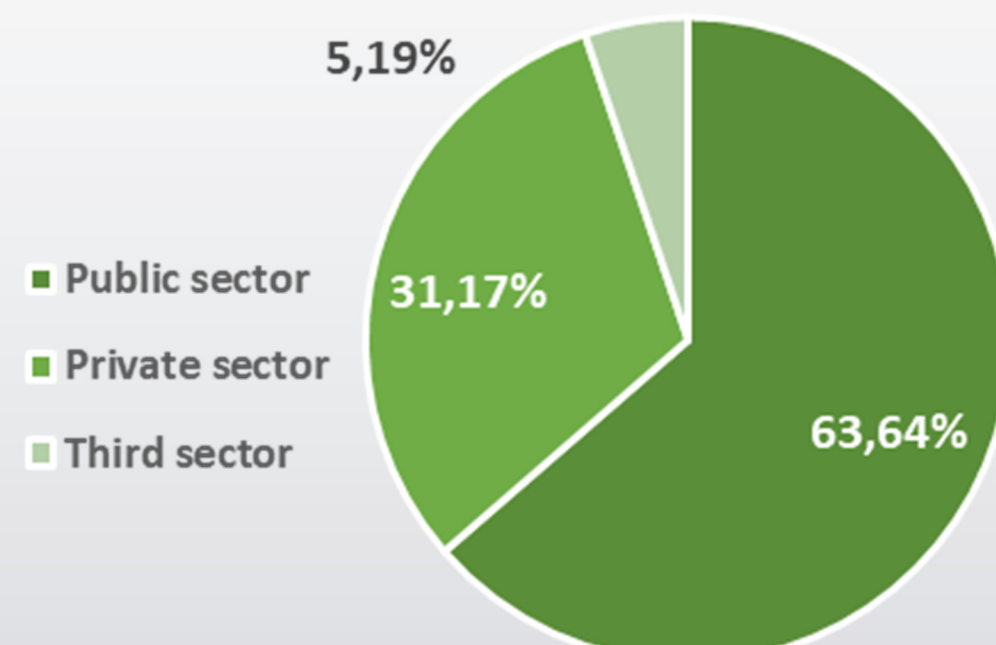
AREA / ACTION	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	TOTAL	TOTAL AREA
Nat. Res. 1	4,64	4,18	4,55	4,18	4,45	4,36	4,09	4,27	3,91				4,29	4,07
NR2	4,18	3,91	4,18	3,55	3,45	3,55	4,36	4,27	3,82	3,82			3,91	
NR3	4,18	4,09	4,09	4	3,36	4,27							4,00	
Env. quality 1	4,17	3,67	3,72	3,83	3,67	3,72	3,78	3,78					3,79	3,82
EQ2	3,61	3,56	3,67	3,56	3,67								3,61	
EQ3	4,22	4,33	3,89	3,78									4,06	
Energy 1	3,43	2,57	3	2,86	3,29	3,29	3,14	3	3,43				3,11	3,34
EN2	3,57	3,71	3,57	3,71	3,43	3	3,29						3,47	
EN3	3,57	3,43	3,14	3,29	3,14	3,57	3,71	3,57					3,43	
Clim. Chan. 1	3,52	3,43	3,7	3,39	3,3								3,47	3,65
CC2	3,87	3,65	3,78	3,78	3,78	3,74							3,77	
CC3	3,48	3,65	4,09	3,96	3,7	3,7	3,43						3,72	
Mobility 1	4,07	3,64	4,07	3,64	3,86	3,93	4,21	3,93					3,92	4,18
M2	3,79	4,36	4,36	4,86	4,64	4,07	3,64	4,36	3,93				4,22	
M3	4,71	4,79	4,71	4,36	4,29	4,29	3,57						4,39	
M4	4	4,07											4,04	
Innov. ICT 1	3,89	3,78	4,11	4,56	4,11	3,11	3,44	4					3,88	4,06
ICT2	4,33	4	4,44	4,22									4,25	
Soc. Coh. 1	3,67	3,67	3,25	3,58	3,5								3,53	3,59
SC2	3,83	3,5	3,58										3,64	
SC3	3,58	3,58	3,67	3,67	3,5								3,60	
Health 1	4,33	3,44	4,22										4,00	4,09
H2	3,78	3,56	4,33	3,67									3,84	
H3	4	4,22	4,33	3,89									4,11	
H4	4,67	4,33	4,22										4,41	
Education 1	3,29	3,07	3,57	3,5	3,14	4,36	3,43						3,48	3,58
EF2	3,5	3,86	3,36	3,21	2,93								3,37	
EF3	3,43	3,93	4,29	3,93									3,90	
Green Emp. 1	3,75	3,75	3,75	3,75	3,5	3,5	3,5	3,5	3,5				3,61	3,84
GE2	4	4	4	4,25	4	4,25	4	4					4,06	
Sust. Prod. 1	4	4,14	3,86	3,86	4,14	3,93	3,57	3,5	3,86	4,07			3,89	3,87
SPC2	3,07	3,93	3,79	4,14	4,43								3,87	
SPC3	3,93	3,86	4,29	4	3,64	3,64	3,64						3,86	
Govern. 1	3	3,17	1,67	2,67	2,67	2,33	3	2,5	3,17	2,5	3,17	3,17	2,75	3,52
G2	4	4,17	4,5	4,5									4,29	
Rural D. 1	3,88	4,38	4,25	3,75	3,5	3,38							3,86	4,02
RD2	4	3,88	4,13	3,88	3,75	4,5	3,88	4,38	4,13				4,06	
RD3	4	4,5	4,25	3,88									4,16	
													<b>3,83</b>	

## METHOD

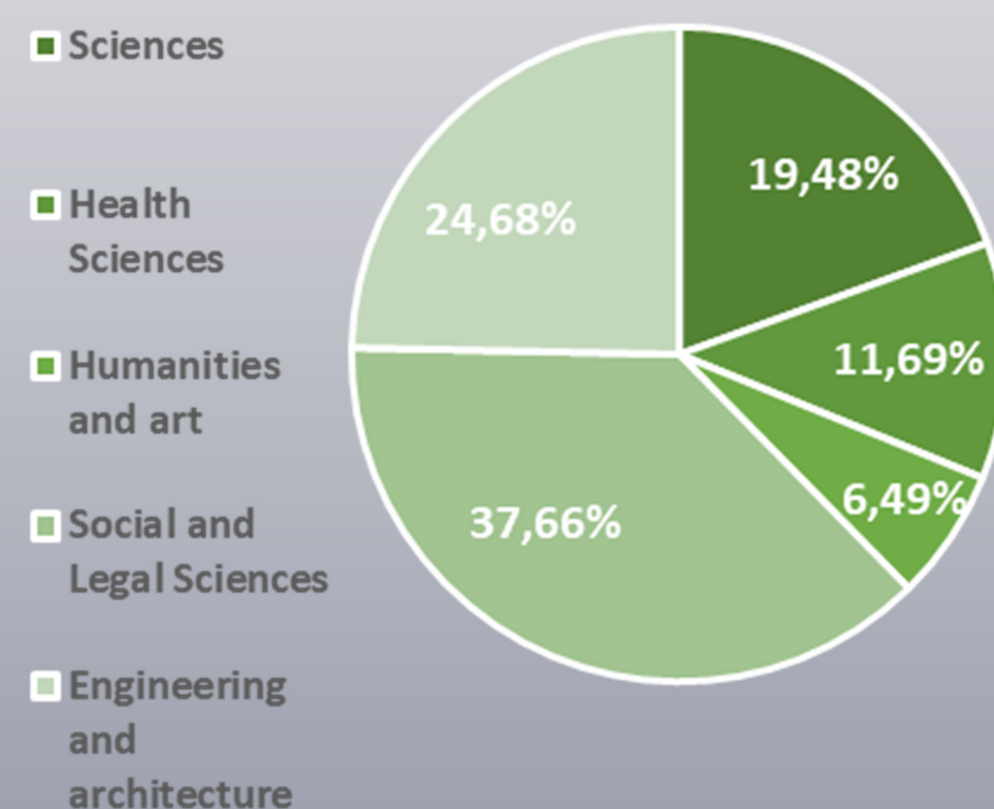
### SAMPLE

- 1 Structured online survey to Andalusian Stakeholders
- 2 The survey was made up of Likert-type questions to assess the impact of Covid-19 on each measure of the Andalusian Strategy.
- 3 77 complete responds  
45,45% 46,75% 7,79%  
Average age 49  
96,10% university education  
79,22% employee

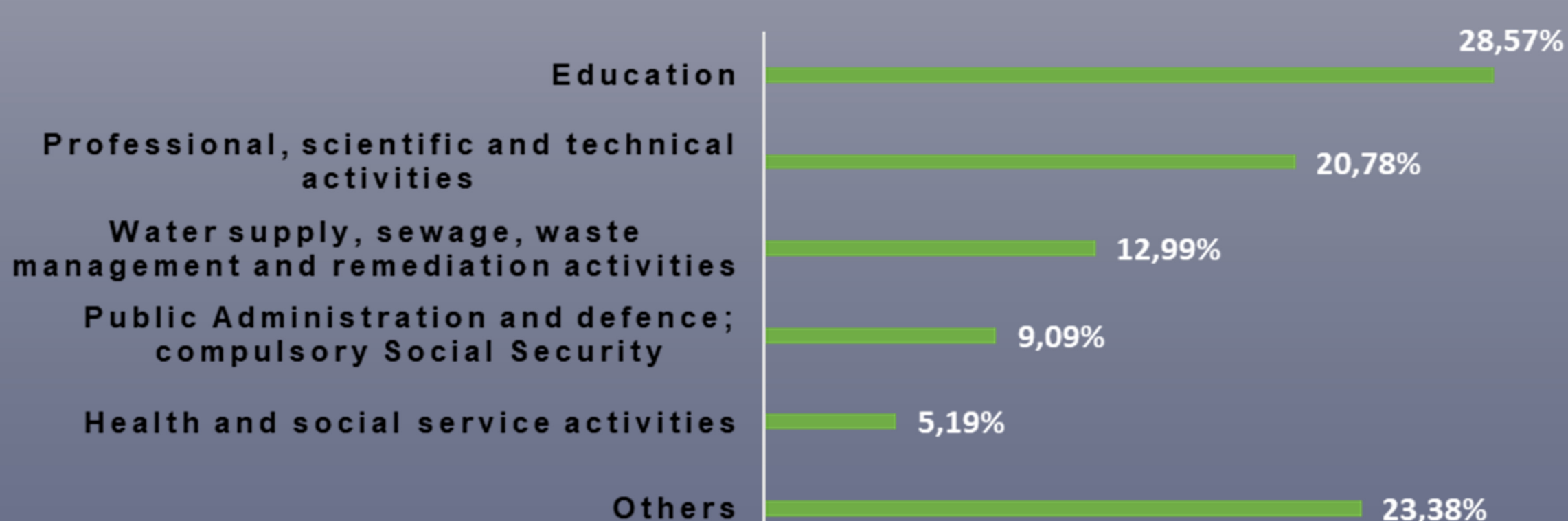
### Professional area



### Branch of Knowledge



### Respondents Economic activities (CNAE)



## CONCLUSIONS

The results showed that the Covid-19 has impact on every area, but in different sense. It has had a negative impact, especially, over governance, energy and social cohesion; meantime it has had a positive impact over innovation, mobility and natural resource. The majority of experts considered that the impact would have long-term consequence, which we link to the structural handicaps of Andalusian Community. Findings let the foundations for the development of new strategies for the implementation of SDGs in Andalusia.