



SOGN OG FJORDANE
FYLKESKOMMUNE



R&D START HELP

VRI4 PILOT 2017 – 2019

BASED ON VRI4 SOGN OG FJORDANE STEPWISE INNOVATION MODEL ©

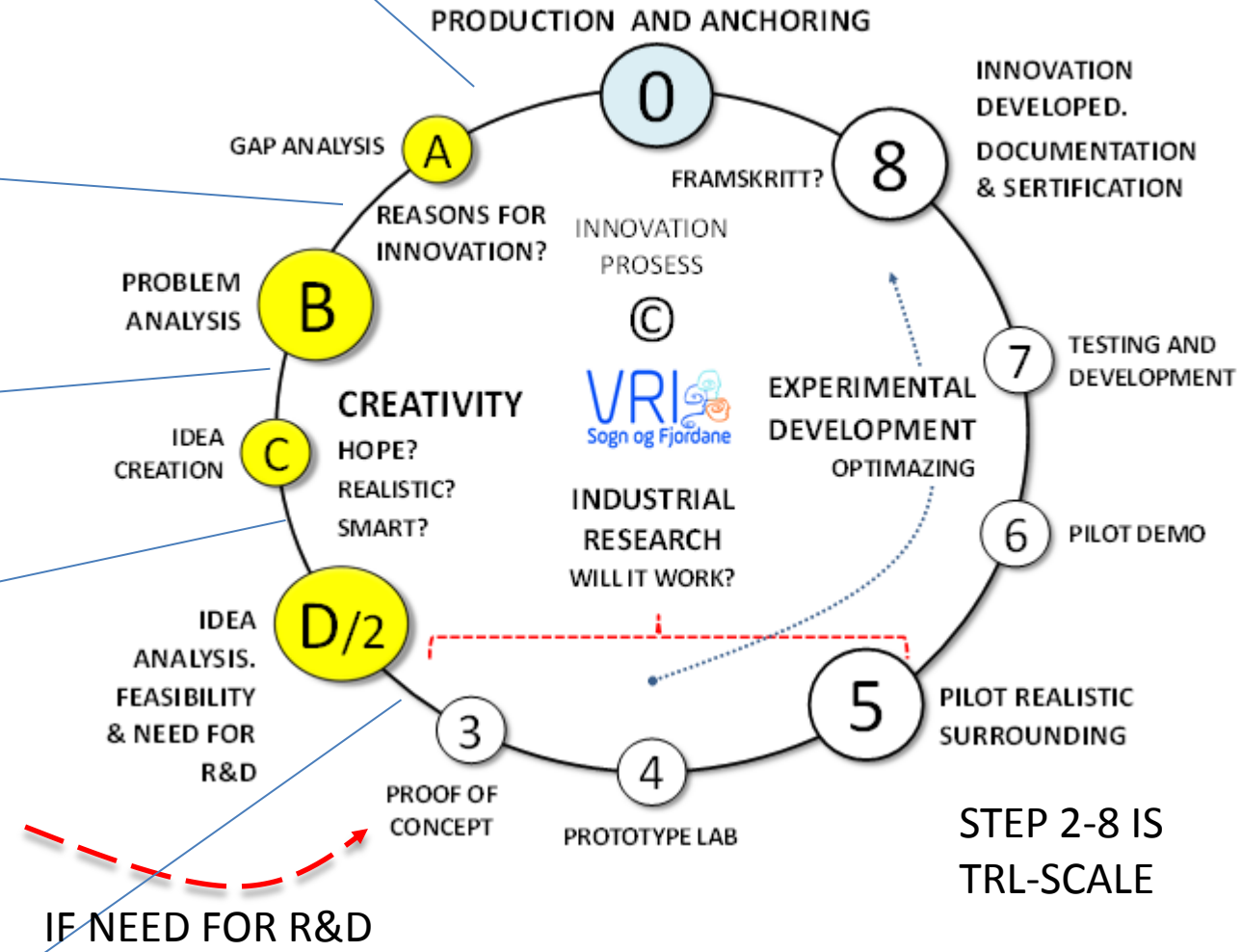
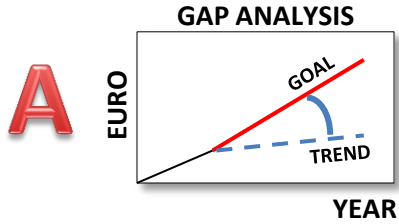
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Sogn og Fjordane County Council

25th of April, 2017 P-IRIS Kick off meeting, Sogndal

VRI4 SOGN OG FJORDANE STEPWISE INNOVATION MODEL © - pilot & intro

THE 4 INITIAL STEPS (A-D)



STEP	ACTIVITY	WHAT ARE VRI4 LOOKING FOR?	EURO
A-D ✓	Innovation Process Manager	An advisor or researcher who can help the enterprises and networks to lead the innovation process step A-D, alone or together with other experts, and finish with an R&D application.	1.000 to 4.000
A ✓	GAP-analysis. Status and goals.	Will the manager find a GAP big enough for a R&D project that will cost around 100.000 euro. Smaller projects might be OK.	2.500
B ✓	Problem analysis.	Will the manager find one or more problems causing the GAP. Did he find the biggest problem? Is the problem big enough for a R&D project? Is there possibility for R&D?	2.500
C ✓	Idea creation	Will the manager find ideas for solution of the biggest problem, or the biggest problem together with smaller problems? Is there a possibility for R&D?	2.500
D ✓	Idea analysis and feasibility	Will the manager define good, realistic and feasible concepts? <u>Will there be need for R&D for proof of concepts, prototypes, pilots, risk and cost reduction in the innovation process, and/or for optimizing and documentation?</u> Is there a progress communication need? Total period for step A to D is 6 months.	2.500
+	R&D project application work	If step D is passed, the manager or enterprises can use the money left for an R&D application. Total period is 12 months.	
			SUM 14.000

The payment will be based on vouchers

THE BACKGROUND FOR THE PILOT

OUR R&D RELATIVE REGIONAL CAPACITY IS TOO LOW

After 7 years with Regional Research Fund Western Norway we have this status

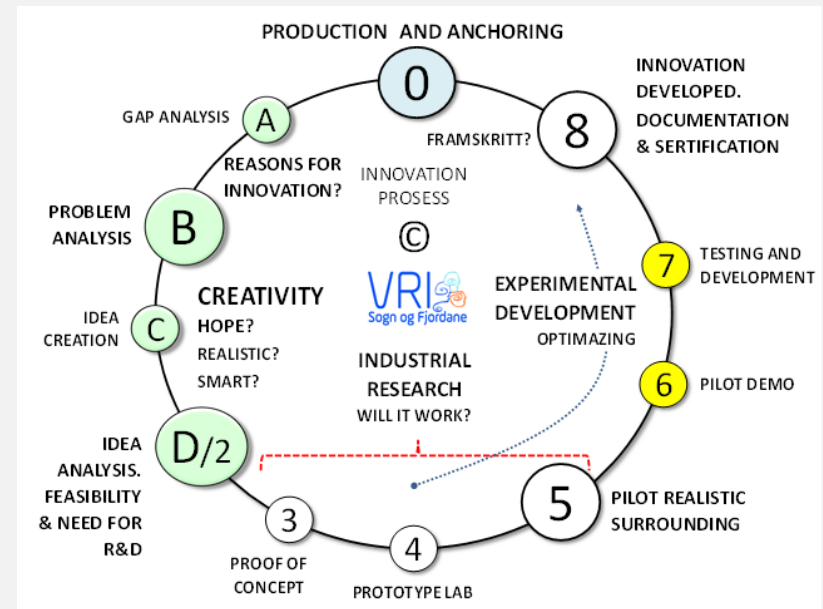
NR	COUNTY / REGION	SECTOR	APPLICATIONS (A)	SUPPORTED (B)	% SUCCESS	REGIONAL R&D-INDEKS* (A x B)	
1	Hordaland	Marin	54	19	35 %	1026	
2	Hordaland	Public	47	10	21 %	470	
3	Rogaland	Public	38	12	32 %	456	
4	Rogaland	Energy	44	10	23 %	440	
5	Sogn og Fjordane	Public	31	9	29 %	279	MEDIUM
6	Hordaland	Energy	29	8	28 %	232	
7	Rogaland	Marin	18	7	39 %	126	
8	Rogaland	Agriculture	16	7	44 %	112	
9	Sogn og Fjordane	Marin	18	5	28 %	90	LOW
10	Sogn og Fjordane	Agriculture	11	5	45 %	55	
11	Hordaland	Tourism	13	3	23 %	39	
12	Hordaland	Agriculture	10	3	30 %	30	
13	Sogn og Fjordane	Energy	10	2	20 %	20	VERY LOW!
14	Sogn og Fjordane	Tourism	1	1	100 %	1	
15	Rogaland	Tourism	7	0	0 %	0	

* *The Relative Regional R&D-index is part of the pilot. It is based on two improvable factors, number of applications (A) and number of supported projects (B). For improvement of A, the enterprises are the main target group, and for B, the researchers are the main target group. Increased cooperation will gain both groups - and the index!*

Thank you for listening

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STATUS FOR THE DEVELOPMENT OF VRI4 R&D START HELP

This pilot belongs to the VRI4 project and Sogn og Fjordane County Council. The innovation process started many years ago. We think both the innovative R&D start help service and the innovative VRI4 stepwise innovation process model will lead to many more enterprises using R&D for innovation work and high quality R&D projects. We think the same for public sector.

We have now reached step 6 & 7 (graphic). That means we will have demos, testing, developing and optimizing the concept in realistic surroundings. The methods and services for step A-D has to be further developed and tested, together with tools for running the model.

There has been no need for research, so far. But, we see possibilities. In 2019 we will have the final versions ready together with documentation and recommendations. The model and methods might have a great potential, if developed according to the model itself, we think.

Cooperation with P-iris might be possible and wish able. From our (VRI4) side we are looking for good methods for step A to D, tools for running the process, for both program level and enterprise level and experience with stepwise innovation processes and the TRL-scale and all kinds of creative inputs.