

Open Space Record Sheet

The name of the proposed activity/ idea	WIN WIN SITUATION IN MINING BETWEEN INDUSTRY AND LANDOWNERS								
Important elements of the proposed activity	<p>-> The most important element of our proposed activity is to create a win-win situation between the industry and the landowners in Vanua Levu.</p> <p>-> Two Gold mines will open soon in the eastern part of Vanua Levu. A huge amount of energy is necessary to operate a gold mine. The energy recourse to operate the Vautakola gold mine in Viti Levu is based on diesel, the problem is air pollution and the running costs.</p> <p>-> A lot of hot springs can be seen on Vanua Levu. This could be a type locality for geothermal energy.</p> <p>-> The idea is to operate the goldmines using the power generated by geothermal power plants.</p> <p>-> The mining industry could be possible investors. The advantage for the mining industry is to much cheaper energy without producing air pollution.</p> <p>-> The advantage for the landowners is to get at the beginning a small amount of free energy and after operating at the gold mine the full amount of energy produced by the geothermal power plant.</p> <p>-> First steps: Getting license from landowners for studying geothermal power. Creating the connection between community, government, researchers and industry.</p>								
Its rationale (which societal issues it addresses, how it integrates into scientific cooperation needs, or how it qualifies as an innovation niche)	<p>Building human capacity in operating a gold mine, in operating a geothermal power plant and finally in building manufactories, running on geothermal power after the two gold mines are closed.</p> <p>Scientific cooperation in needed to create a geothermal power plant in the studied area to provide electricity to the mining industry.</p>								
To which other initiatives, if any, it connects.	It connects and provides capacity after the mining industry has left in form of building manufactories running on geothermal power.								
Who would be the beneficiaries?	All parties, the community, government, research institutions and the industry								
What are the resources needed (money, time, and skills)?	Needed resources, investment for building up geothermal power plant, 2-3 years, Scientific skills from different areas of expertise is needed								
Who is/ are the champion(s) of this initiative (names of persons and institutions)?	<p><u>Dr Holger Summer</u> (USP, Fiji) University of the South Pacific, Fiji</p> <p><u>Dr Kifle Kahsai</u> (SPC, Fidji) SOPAC Fiji</p>								
What are specific next steps to make it happen and when (timeline). Who is responsible for each step?	<table border="1"> <thead> <tr> <th data-bbox="504 1854 900 1883">What?</th> <th data-bbox="912 1854 1114 1883">By when?</th> <th data-bbox="1120 1854 1407 1883">Who assures?</th> </tr> </thead> <tbody> <tr> <td data-bbox="504 1892 900 2022">Organizing a conference close to the hot springs in Vanua Levu. Invitation of researcher, miners, possible investors and</td> <td data-bbox="912 1892 1114 2022">July-August 2015</td> <td data-bbox="1120 1892 1407 2022">Dr Holger Sommer</td> </tr> </tbody> </table>	What?	By when?	Who assures?	Organizing a conference close to the hot springs in Vanua Levu. Invitation of researcher, miners, possible investors and	July-August 2015	Dr Holger Sommer		
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	people from the government in Fiji.		
	Proposal for funding (research)	Sept. 2015	Dr Holger Sommer
	Proposal for funding (industry)	Oct. 2015	Dr Holger Sommer