

AlpBioEco

List of Criteria for the replicable Roadmap & Lab analysis

What factors are important to analyse a Value Chain? What are necessary criteria for a good idea, bio-based products?

– project partner workshop results, Munich 11/2018



Relevant for	Value Chain	Category	Criteria	Description/Explanation	Where to find/ other info	How to find/analyse	commentary
Lab Analysis							
Both	All	Processing	Byproducts/ leftovers	Which byproducts or leftovers in the value chain can be identified?		Interviews	Highly relevant for all pp
Both	All	General	Bioeconomic Potentials	What seems to be the bioeconomic potential?		Lab analysis	Costs, walnuts, apples; herbs
Both	All	Raw material	Which ingredients are purchasable or easy to access?	Get to know the raw material		Literature review	
Both	All	Processing	Product and process innovations			Literature review	
Both	All	Economic	Comparative advantage	Can local products substitute imports?	Field survey	Experts - questionnaire/Literature review	
Both	All	Risks	Environmental, economic, social, legal/ regulatory risks in the VC	SWOT			New and summarizes several old criteria
Lab	All	Environmental	Impact on the	Which type of energy is consumed in the VC, at	Reports from organizations in	Stakeholder involvement	Constant conditions

analysis			environment	what level?	the VC		needed, not Relevant for all pp
	Lab analysis	All	Raw material	Get to know the raw material	Which ingredients are available?	Literature review	
	Lab analysis	All	Raw material	Get to know the raw material	Which ingredients are already used for what?		

Market Analysis

Both	All	Processing	Byproducts/ leftovers	Which byproducts or leftovers in the value chain can be identified?		Lab analysis; expert interview	Highly relevant for all pp
Both	All	Botanical	Cultivation criteria	How easy and cost-intensive is the production of raw material?	Econ, environ, processing, sorts/species, production	Experts, retailer	Important for all PP but not really for apples; aspects: econ, environ, processing, sorts/species
Both	All	General	Bioeconomic Potentials	What seems to be the bioeconomic potential in your region?		Online research, interviews, Lab analysis	Costs, walnuts, apples, herbs

Both	All	Raw material	Which ingredients are purchasable or easy to access?	Get to know the raw material		Literature review	
Both	All	Risks	Environmental, economic, social, legal/ regulatory risks in the VC				New and summarizes several old criteria
Both	All	Processing	Product and process innovations			Literature review	
Both	All	Economic	Comparative advantage	Can local products substitute imports?	Field survey	Experts - questionnaire/Literature review	
Market analysis	All	Raw material	Price development	How did the price for the raw material develop in the past?		Statistics	
Market analysis	All	Production	Forms/types of cultivation methods			Online, literature, interview	
Market analysis	All	Production	Potential of new growing areas			Online, literature, interview	Not all pp see this as relevant
Market analysis	All	Production	Development of producer price			Online, literature, interview	
Market analysis	All	Production	Development of consumer price in			Online, literature, interview	

			products			
Market analysis	All	Production	Agricultural form of income			Online, literature, interview
Market analysis	All	Product	How is the product distributed?			Online research, interviews Distribution vs organized VC
Market analysis	All	Circular Economy	Role of innovation in circular economy			Own analysis of sustainability
Market analysis	All	Market	Market Volume raw material	How big is the market for the raw material?		Online, literature
Market analysis	All	Market	Regional anchoring			Online, literature, interview
Market analysis	All	Market	Market Volume products	How big is the market for the products (per product)?		Online, literature
Market analysis	All	Economic	Investment in VC	Does private sector, donors or governments invest in the VC?	List of support programmes, Government plans and budgets	Online, Interviews with support organizations and government
Market analysis	All	Enterprises	Involved companies			Online reserach

Market analysis	All	External forces	Public funding, subsidies, public interest				
Market analysis	Herbs	Policy	Products possibilities	Do current policies allow the use of the material in any way?		Experts, online	Cultivation
Market analysis	All	Processing	(Most) relevant players along the value chain			Online research, interviews	
Market analysis	All	Processing	Import share of raw materials or intermediate products			Online research, interviews	
Market analysis	All	Processing	Costs in the VC			Online research, interviews	Not relevant for all PP
Market analysis	All	Processing	Monetary Profits			Online research, interviews	
Market analysis	All	Processing	Non-monetary profits			Online research, interviews	
Market analysis	All	Consumer	USP of products	Why do people buy it?	Seller	Review products, interviews	
Market analysis	All	Social	Working conditions	Health and safety risks for workers in the VC?	Production companies,	Company and worker surveys, online 'Human	Not all pp see this as relevant

Market analysis					workers, human rights risks assessment	Rights risk Atlas' (Maplecroft, 2014), 'The Human Rights and business country Guide' (DIHR, 2014)
	All	Social	Impact on surrounding communities	Is there a risk of the VC causing conflicts/tensions in society?		

Interreg Alpine Space



Alp Bio Eco

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