



Multi-dimensional assessment perspectives for sustainable development: A case study of sericulture

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Agricultural industry is one of the biggest playgrounds of multi-dimensional assessment. From agriculture to industrialize processes though farmers until machineries. Every stage has their own contexts and defined details. This research selects the sericulture as a case study because of two reasons which are the intense social characters and high valued-product supply chain. Tools such as LCA, SLCA, SDG were employed to evaluate behaviors of sericulture in Thailand in various approaches. Many observations as well as limitations were remarked after the study. To achieve “Sustainability” in multi-dimensions. Especially in agriculture, the mindset of farmers is the success key.

Satisfactions always come along with sufficiency, in general. In many times more income does not change people manner if the mentality is still too conservative. In term of economic aspects, the benefit is as important as the saving ratio. Farmer household debt is the critical issue to move forward in sustainability pathway. Decent environment could lead to the prosperity in community. However, the relation between actual sericulture environmental impacts and human health may probably be traceable with certain periods of time and appropriate samples. Resource efficiency is one important solution in further but terrestrial resource management could be critical in some situations for example land use or water resource. The IT supports should play more important roles for data collections and connectivity to avoid errors and time consuming even in rural areas.



Sericulture is not only a supplement income to the farmers. It is but also the heritage and beauty of Thailand for a long time. No matter how the economy changes. The development of the sericulture will go on. Her Majesty the queen Sirikit on 19 January 1999 at the Model Farm Project Initiative Mae Tung Ting, Amphoe Samoeng, Chiang Mai.



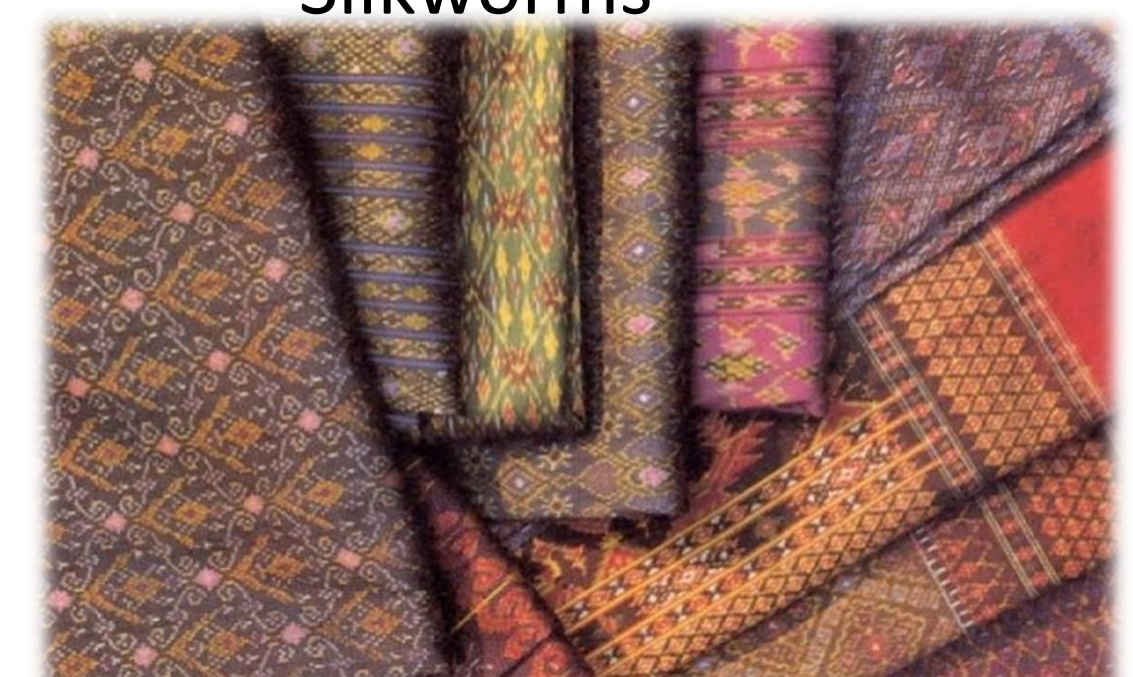
Mulberry tree



Silkworms



Raw silk



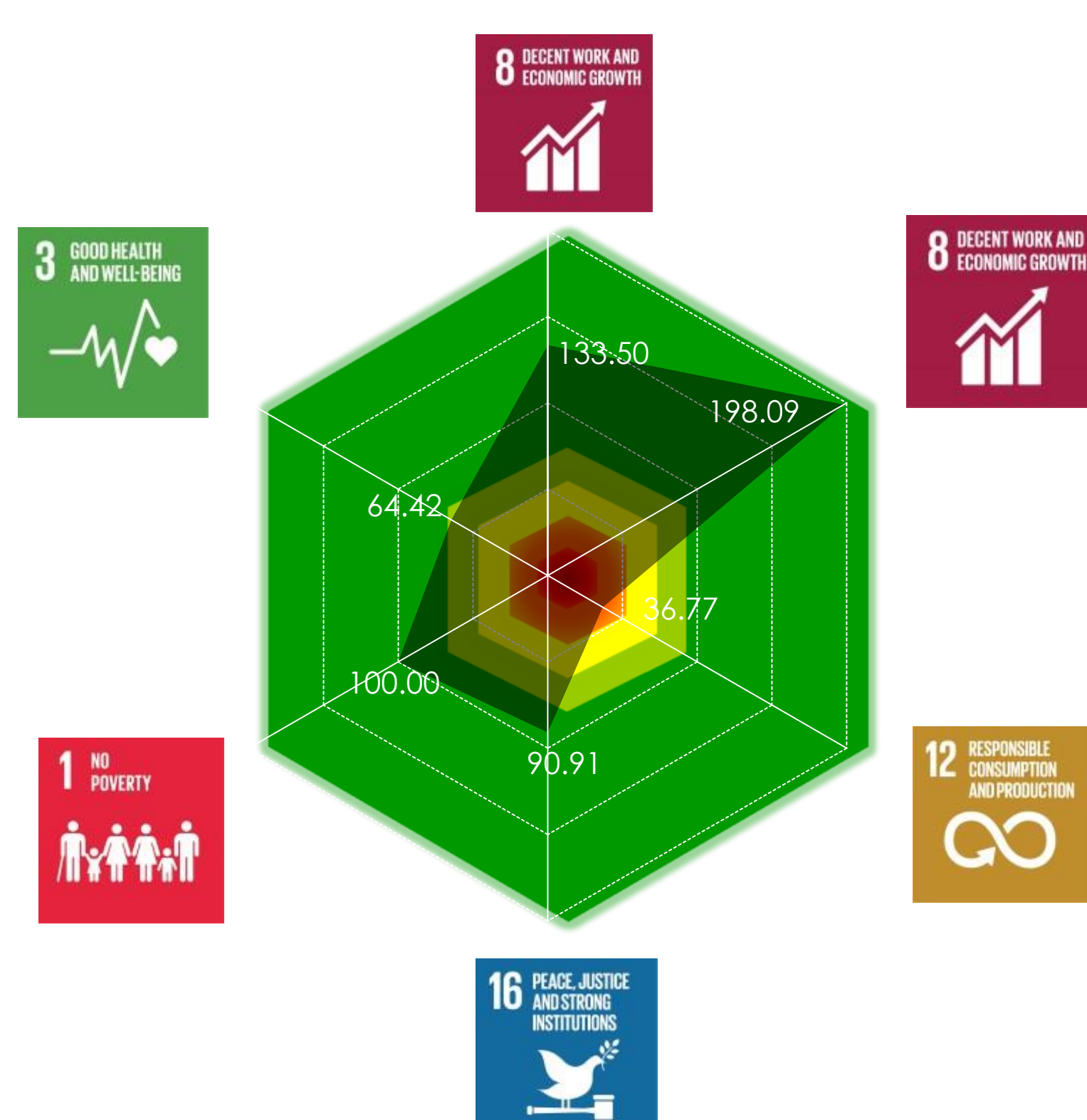
Variety of Traditional Thai Silks



SDGs for Sericulture



SDG indicators for Sericulture



98 % of Farmers

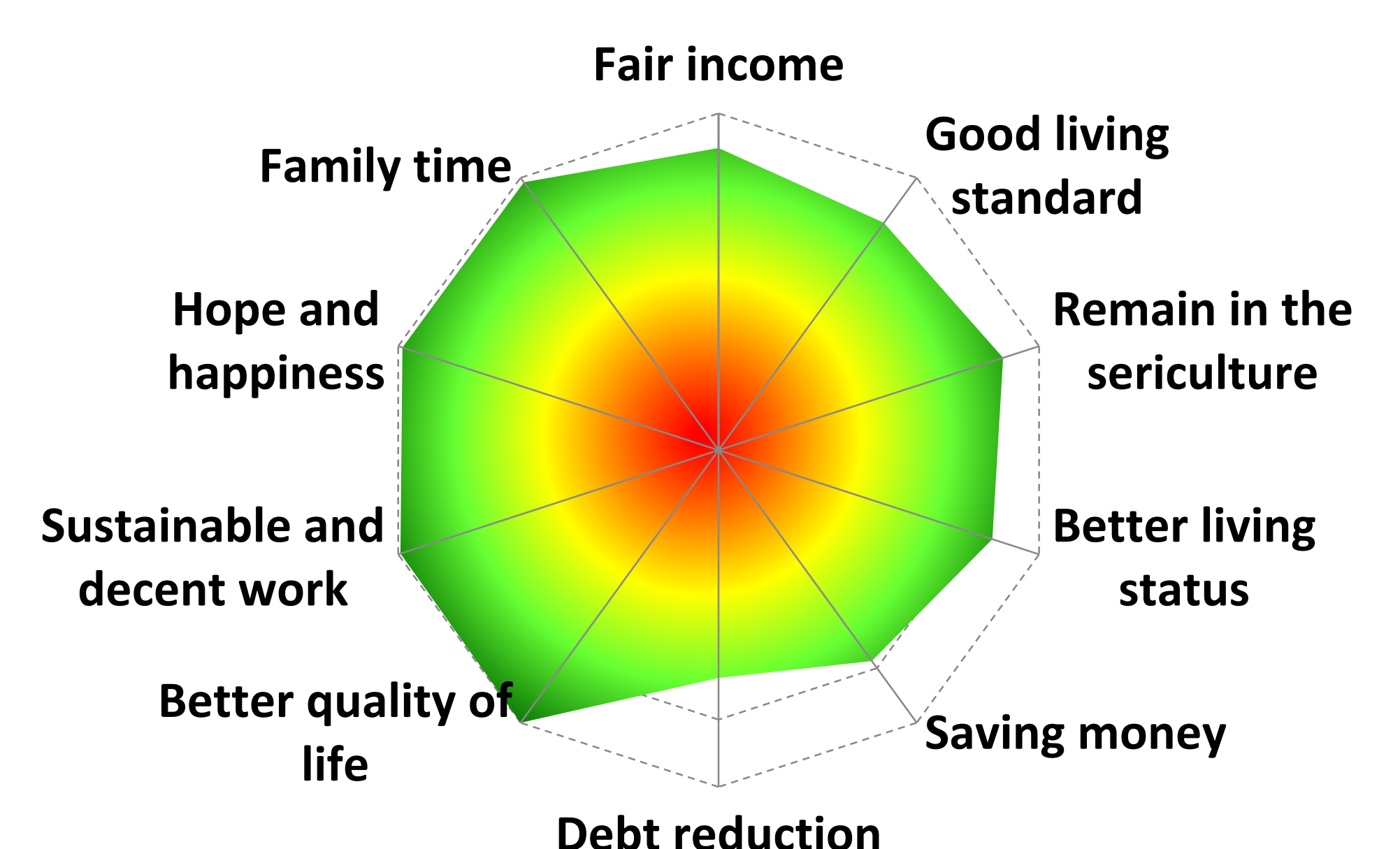
Have a better life

Trust in sericulture

Happy with sericulture

Hope in sericulture

Decent work - Life Balance



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