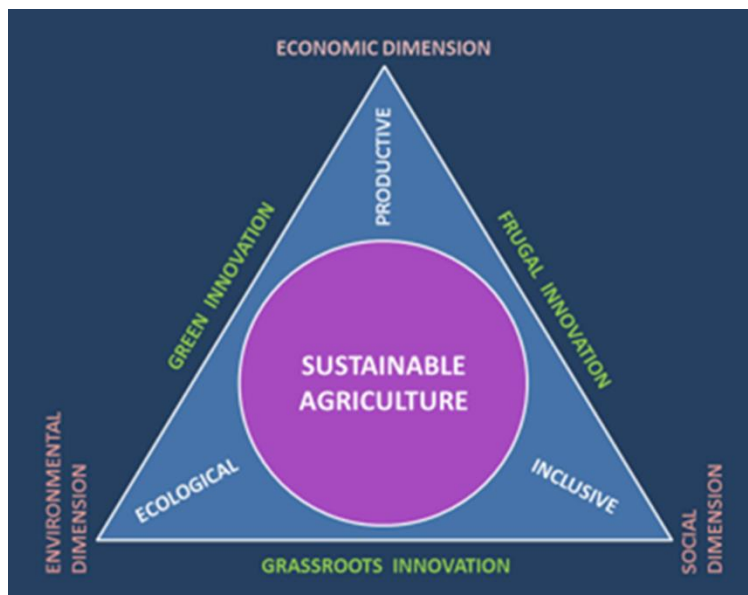




SDG 17 – Indicator 17.4.2 - Education for SDGs specific courses on sustainability

## Sustainability: Ecological-economic-inclusiveness integration

There is a course taught at the Faculty of Agriculture, Sriwijaya University that is fully dedicated to sustainable agriculture. This subject is taught in the Agribusiness study program at a master level. For agricultural production to be sustainable, it must be built on harmony between efforts to maximize crop yields (economic interests), it needs to be followed by efforts to keep the land from degrading (ecological sensitivity) and is carried out following the preferences and work culture of farmers (social inclusivity). The lecture material is then integrated with SDGs. Students can be enrolled for degree programs or for electives. This course can be



followed for the purpose of receiving credit points or just as elective courses.

Agricultural sustainability will only be realized if environmental functions are well kept, and degradation of environmental quality is expected to be minimal (ecological perspective). However, from the other side, efforts to increase the productivity of agricultural land continue to be pursued in order to meet the food needs of the population which is still increasing (agronomic perspective).

These two ecological and agronomic perspectives still need to be refined by increasing the socio-economic welfare of farmers as the main actors of food production. Furthermore, the development of agricultural technology should be based on a complete understanding of the importance of ecological-agronomic-socio-economic integration to realize sustainable agriculture (social-economy perspective).

Learning about sustainability at all levels of education, both in formal and non-formal education systems, and for any purpose, needs to enrich understanding on the importance of harmony between the three ecological-economic-social perspectives. [BL]