

This research had three key research findings as follows. The first finding was the community of people with disabilities in Samutprakran province found a potential means to earn income and make a living. As they worked together as a collective group, they possessed various set of skills and knowledge. They also had various resources that could enable them to create sustainable community products that meet the needs of their potential consumers. The second finding was their new community products were sustainable because their material and production process did not leave carbon footprint in their community. Their production activities had created jobs and income for participants and other people in their community. Moreover, their products met the needs of their users or consumers because they were made to order. The last finding was participatory design and user-centered design were effective design strategies and approaches for successful community product design and development because these design strategies and approaches could enable the community participants who were non-designers to have a better understanding of their potential consumers or users.

Keywords: sustainable design, sustainable local product design, disabled people, disadvantaged communities