

5th World Convention on

RECYCLING AND WASTE MANAGEMENT

September 11- 12, 2017 Singapore

Best practices of community based solid waste management in Panga, Kirtipur, Kathmandu, Nepal

Nabin Bikash Maharjan¹ and Anisha Maharjan²¹Blue Waste to Value Pvt. Ltd., Nepal²Tribhuvan University, Nepal

Municipal solid waste management continues to be a major challenge for local governments in both urban and rural areas across the world and one of the key issues is their financial constraints associated with the management as a whole in developing and under developed countries like Nepal. In contrast to the problems, recently best practices on community based solid waste management model were implemented through the active participation of existing and non-existing stakeholders. This basic level of community interventions and adoption ability of the people living in the community assisted the team to come up with the stress-free, expedient and sustainable management system with the use of low resources, efforts and smooth regulations. Community interventions on adopting the source segregation, applied polluter's pay principle (PPP), re-processing and recycling has helped significantly reduce the waste generation in the source and also help to minimize it going to the landfill. The ultimate products that are produced from the management is being recycled, reused and thus recovered withdrawing the optimum financials that covers the regular cash flow deficits of this small and medium scale enterprise (SMEs). This has entirely proved to manage solid waste efficiently.

bikashnabin@gmail.com; nabin@bw2v.com