

# Creating Meaningful Representations

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**Abstract.** Demanding business environments increasingly require knowledge work. Hereby, knowledge creation needs to rely on meaningful entities and representations, in particular for organizational change processes. In this paper we report on exploring essential benefits for stakeholders and communities when applying major principles of Maria Montessori when articulating and communicating knowledge. Experienced benefits stem from stakeholders' self-determined and individualized design experiences. We motivate the embodiment of stakeholders into physically enriched and ambient knowledge management environments, and reveal insights from testing those ideas. The results of our work should guide the development of enriched knowledge-management environments.