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Integration of methodologies through an academic toolkit for the design of products services systems for sustainability: -SPSS- in Colombian contexts

Vargas, Espitia Adolfo, Guataquira Sarmiento Nataly, Andrea, Àlvarez Quintero, Christian Daniel and Rugeles Joya Willmar, Ricardo

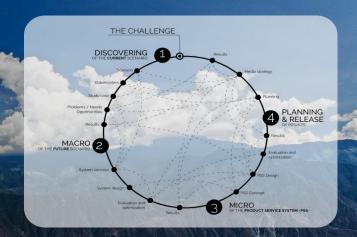
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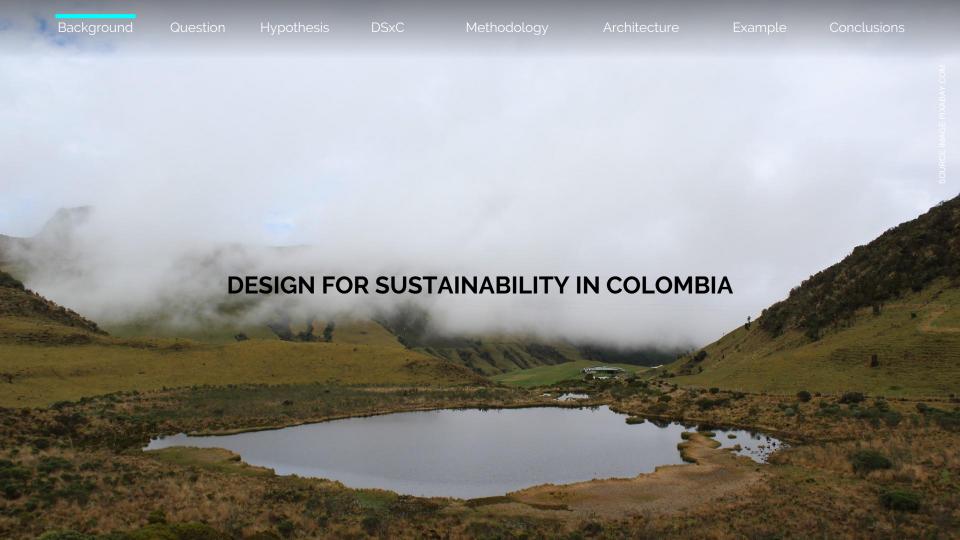
DS&C TOOLKIT— DESIGN FOR SUSTAINABILITY COLOMBIA



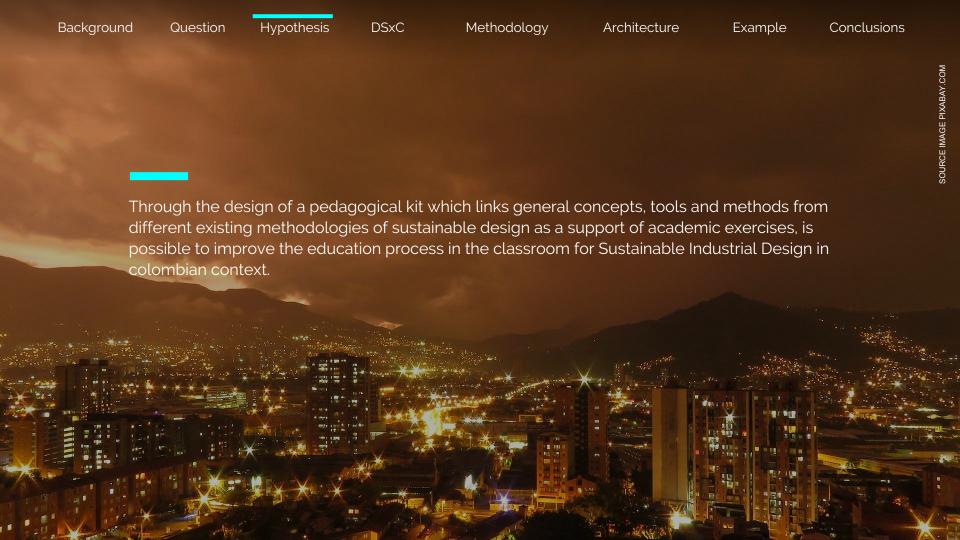


Red de Aprendizaje en Sostenibilidad



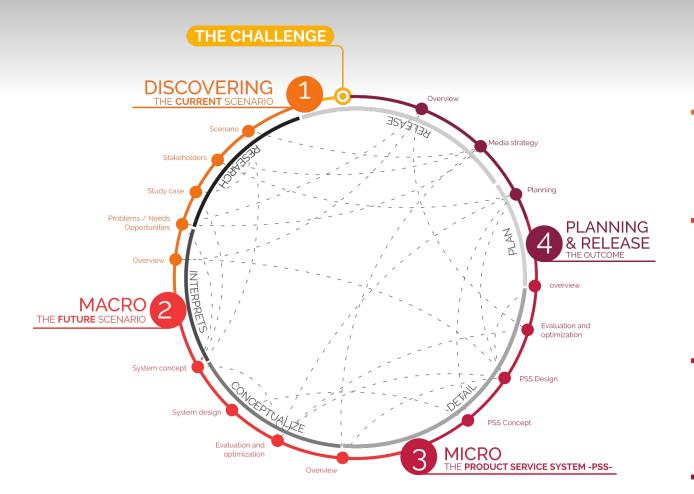








Background Question Hypothesis DSxC Methodology Architecture Example Conclusion

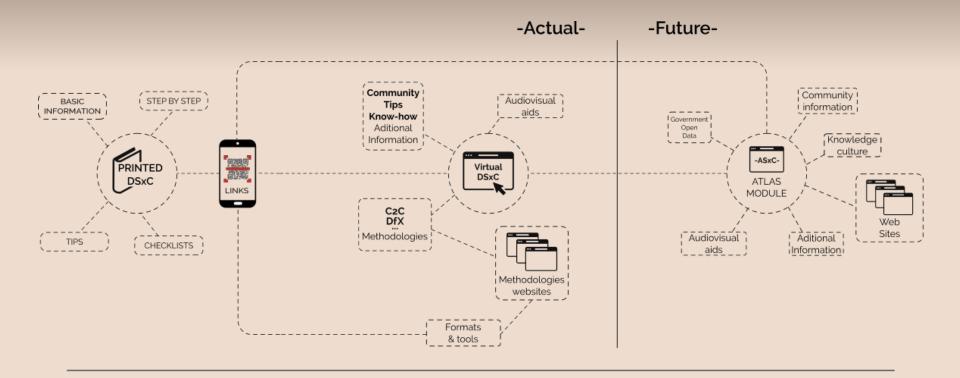


The context is analyzed and characterized to establish the scope of the project.

An ideal future scenario is proposed according to the opportunities discovered.

Concrete and prioritize solutions where integrate the scenario, actors and opportunities in the Product Service System.

It is planned to implement the Product Service System and knowing the impact generated.



Virtual DSxC

Atlas Module ASxC

Printed DSxC

Background Question Hypothesis DSxC Methodology Architecture Example Conclusion



-DSxC Printed version-



-DSxC Virtual version-

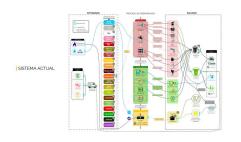


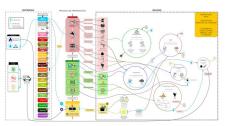
Background Question Hypothesis DSxC Methodology Architecture Example Conclusions

-DSxC Practical example -

FOOD + DESIGN 2030

DISCOVERING MACRO MICRO PLANNING & RELEASE



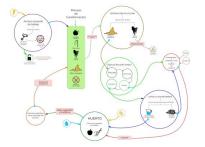


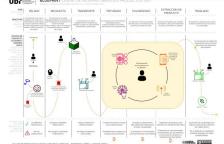






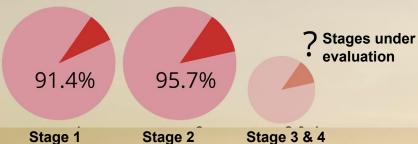


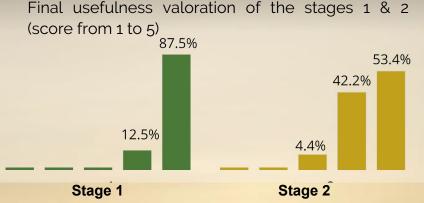




Background Question Hypothesis DSxC Methodology Architecture Example Conclusions

Percentage of students who believe the DSxC toolkit helps them to understand more the local context





The tools should be further integrated between stages, some students feel that the tools of each stage are well integrated but not when switching from one to another, for example moving from stage 2 to stage 3.

It is necessary to identify which tools work best for service design and product design separately. There are difficulties in handling these specific topics. This is under study within LeNS Colombia Network, its being analyzed possibility of create a project to categorized the tools according to the type of design to develop.

