

HACKTEX VIRTUAL TRAINING MATERIALS

VIRTUAL GUIDE ON ENTREPRENEURSHIP

Learning unit 1

Lesson 1

Introduction to the smart textiles market

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Innovative smart textiles & entrepreneurship / 2021-1-RO01-KA220-HED-000027527



OVERVIEW OF THE UNIT



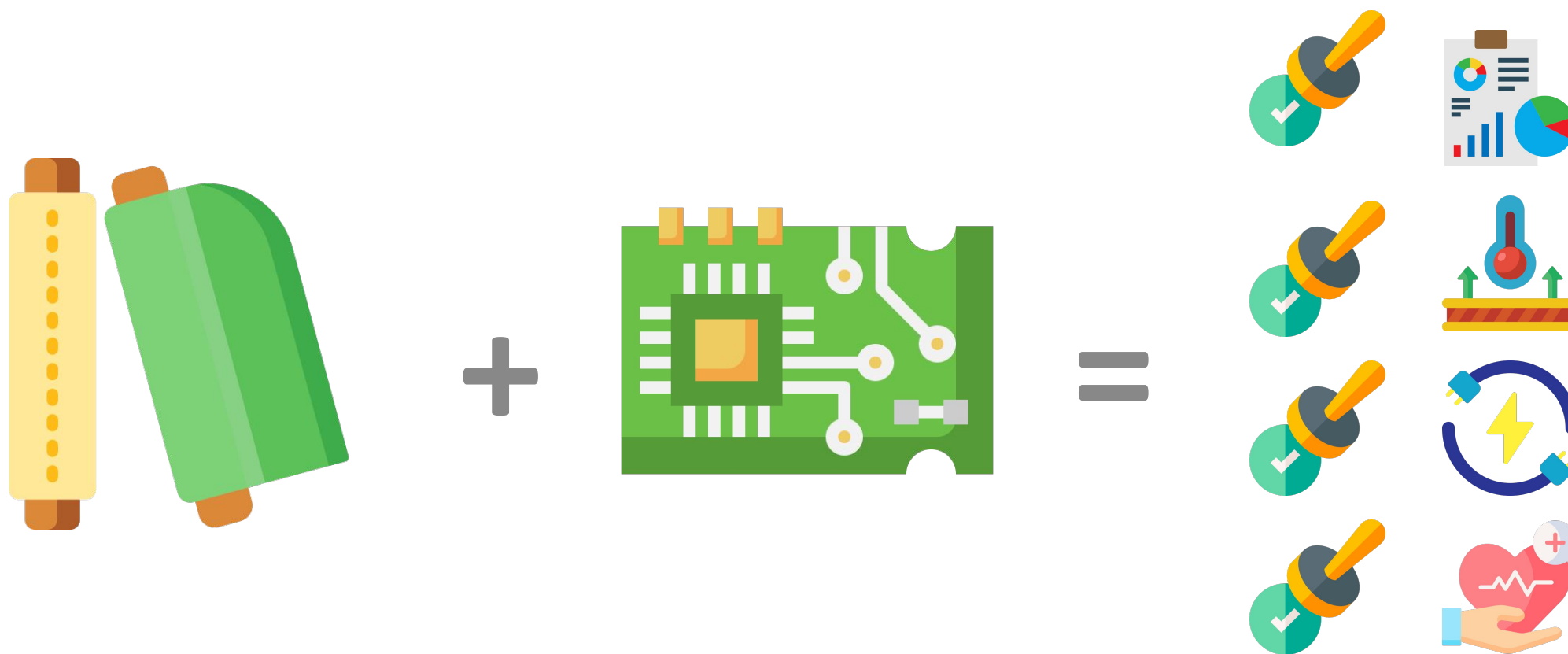
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 - Definition of smart textiles
 - Importance of smart textiles
- General trends
 - Wearable technology
 - Internet of Things (IoT)
 - Focus on sustainability

OVERVIEW OF THE PRESENTATION

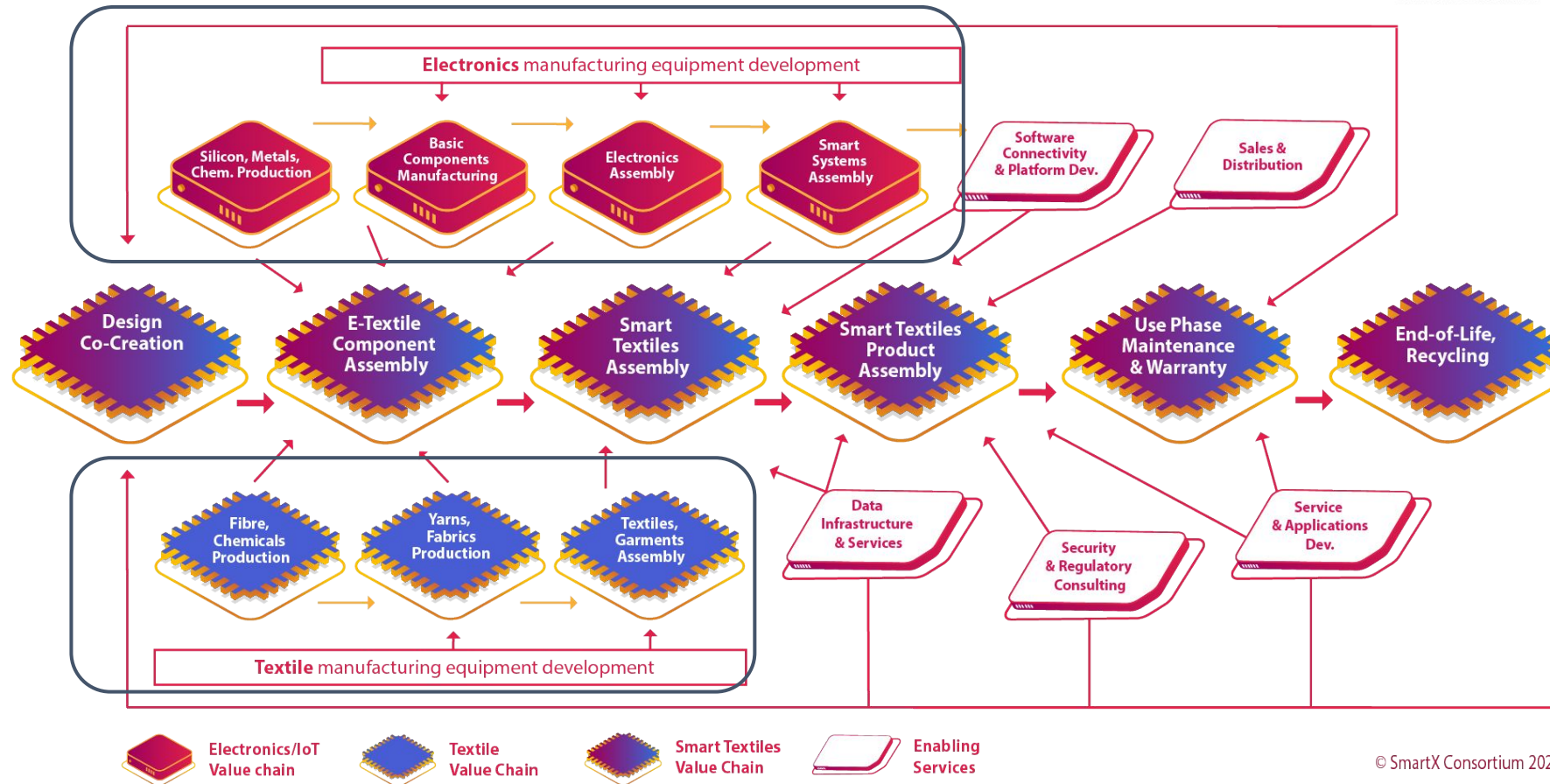


DEFINITION OF SMART TEXTILES



IMPORTANCE OF SMART TEXTILES

Smart Textiles Value Chain



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Figure 1: Full Smart Textiles Value Chain Map by SmartX



GENERAL TRENDS

GENERAL TRENDS

- Wearable technology



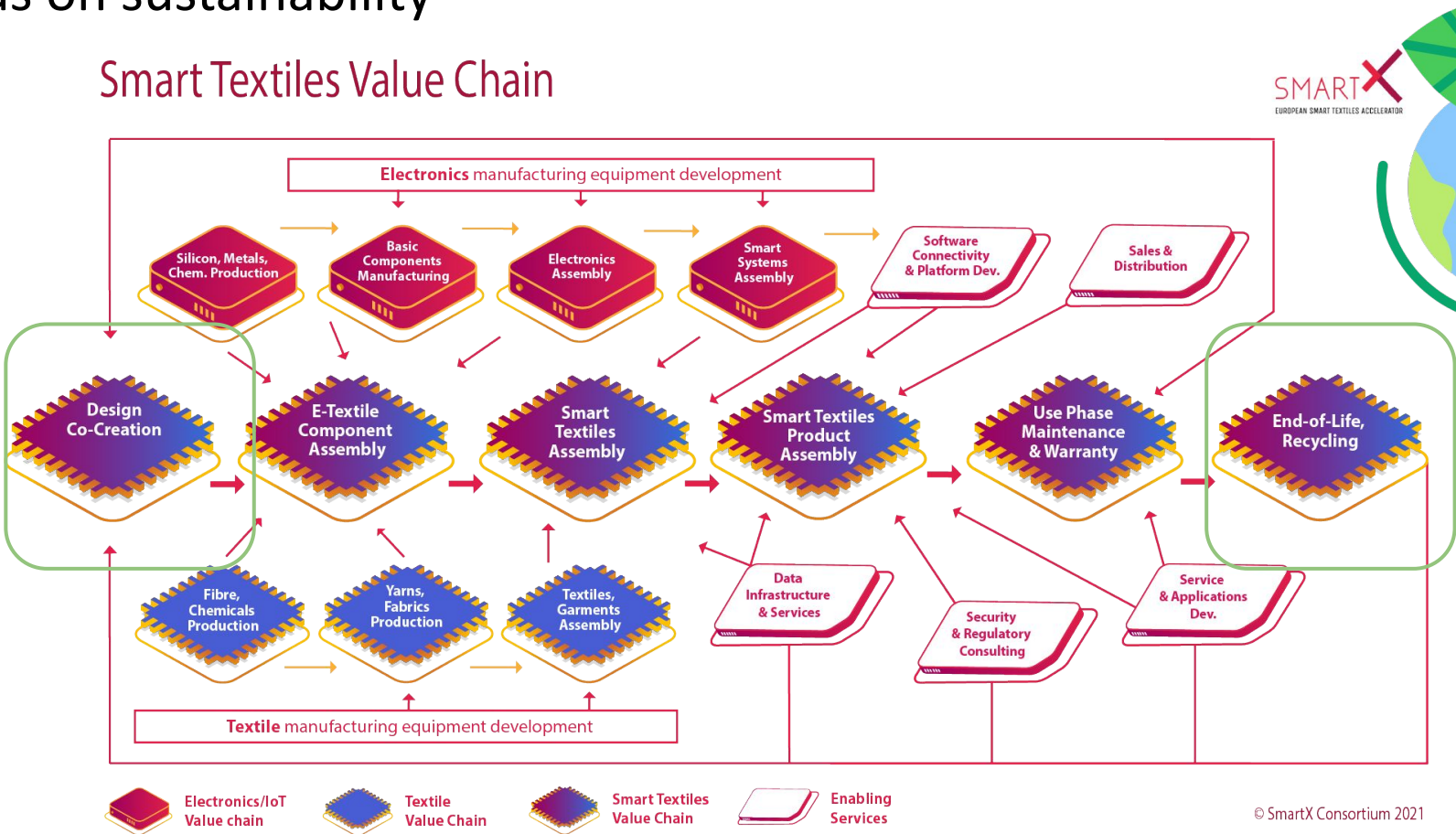
Image 1: [Taxisense](#) e-socks (left) & siren e-socks (right)

- Comfortability
- Safety

GENERAL TRENDS

- Focus on sustainability

Smart Textiles Value Chain



- Reuse
- Recycle

Figure 1: Full Smart Textiles Value Chain Map by SmartX

GENERAL TRENDS

- Internet of Things (IoT)

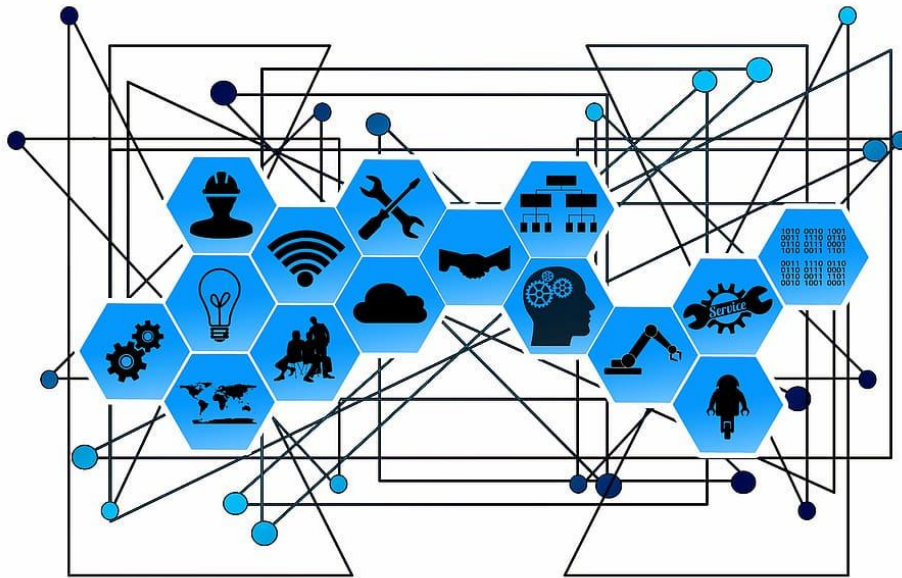
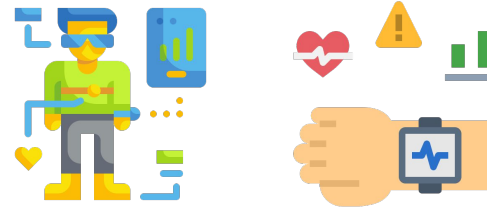


Figure 1: Connectivity scheme



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CONCLUSION

Conclusions

- Smart textiles are not conventional textiles
- Smart textiles production & environment is complex
- Wearability is generally a must
- Safety is a must

Partners:



cre thi dev
creative thinking development



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