



# SESE TOUR 2022

## Systems Engineering for a Sustainable World

*Associazione Italiana di  
Systems Engineering*

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0905-0935

**AGILE for a Sustainable World**

**By Claudia Agostinelli**



# Biography

## Claudia Agostinelli



*A.I.S.E. Director of Networking/Outreach.*

*Systems Engineer Manager with international and multidisciplinary experience in managing systems engineering projects in various technological sectors: aerospace, defence, maritime, transportation and automotive.*

*Certified Systems Engineering Professional (CSEP), 6-Sigma Green Belt e Scrum Fundamentals Certified (SFC).*

*Founder and Coordinator of A.I.S.E. AGILE SE Working Group.*

# Human and Societal needs



Create an **inclusive**  
and **focused** approach  
linked to  
**business**  
**objectives**

# Sustainability holistic perspective

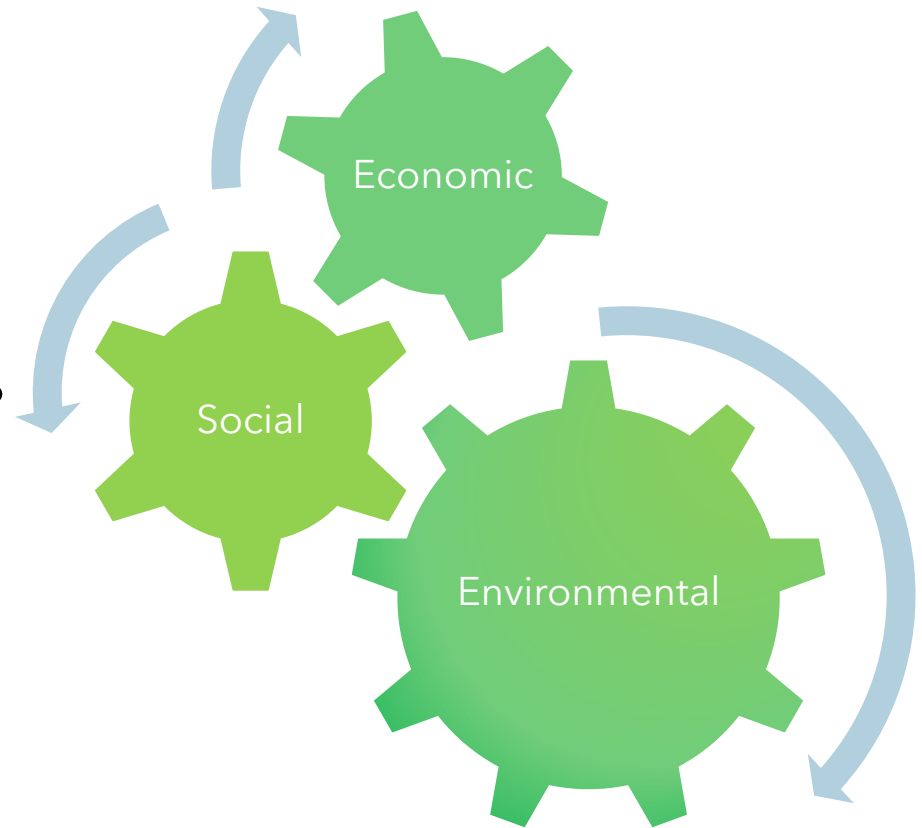
Sustainability means taking a holistic perspective on **environmental**, **social** and **economic** issues.

Sustainability

meeting present needs

Without  
compromising

the ability of future



## How agile development can help us?

- ☐ Develop and implement a **plan for change**
- ☐ Define a **model for change needs**
- ☐ Help organizations **become more agile and sustainable**

**Agile Impact  
Makes  
The  
Change**



# Become more sustainable with AGILE

Sustainable development has always been in the **Agile Principles** and it also applies to the larger picture of how we work to benefit the ecosystem we deliver to.



**8th principle of the Agile Manifesto:** *"Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely."*



# MANIFESTO for Sustainable AGILE

## Manifesto for Sustainable Agile

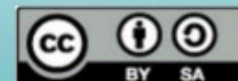
As we continue to uncover better ways of working and delivering sustainable business outcomes, we have come to value:

<b>Collocated Minds</b>	<i>Over</i>	<b>Collocated People</b>
<b>Collective Outcomes</b>	<i>Over</i>	<b>Individual Outputs</b>
<b>Speed to Value</b>	<i>Over</i>	<b>Speed to Market</b>
<b>Empathy and Trust</b>	<i>Over</i>	<b>Command and Control</b>

That is, while there is value in the items on the right, we value the items on the left more.

**Manifesto for Sustainable Agile** is licensed under a [Creative Commons Attribution 4.0 International License](https://creativecommons.org/licenses/by-sa/4.0/).

The manifesto is originally conceived & drafted by Sandeep Joshi (@sandeepmvp | <http://www.sandeepmvp.com>) and signed & supported by agile community experts, practitioners and thought leaders around the world.



# Conclusion

- ❑ All starts with the Agile Mindset
- ❑ Building the right systems around the larger sustainability context helps to create higher quality and value
- ❑ Let's surround ourselves by visionary agile leaders and stakeholders





# Thank you and over to you for Q&A

Claudia Agostinelli  
+39-392-5238070  
[Claudia.agostinelli@gmail.com](mailto:Claudia.agostinelli@gmail.com)  
<https://www.linkedin.com/>



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