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Project management challenges

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Management is an area of knowledge that is becoming more and more important, both in academic and scientific contexts. Project management is not an exception. The Iron Triangle (quality, cost, time and scope) already became a classic. However, today, we face new challenges. I highlight here three: increase the pace of change, digital revolution and environment challenges.

The pace and complexity of change are growing. In such a way that successive theories end up being questioned. To cope with the change, organizations must be agile, projects must be agile, and management will have to be agile.

Digital revolution is another important dimension. Even projects of tangible artifacts may have their digital brother (e.g. BIM - Business Information Model). But digital revolution also includes the use of blockchain, smart contracts, machine learning or robotic process automation. Those technologies are often important tools that support management, but those technologies also must be managed.

Lastly, but no less important, we must look at climate change. We must manage the environmental consequences of the projects. This is fundamental, because so far, we have no B planet .