



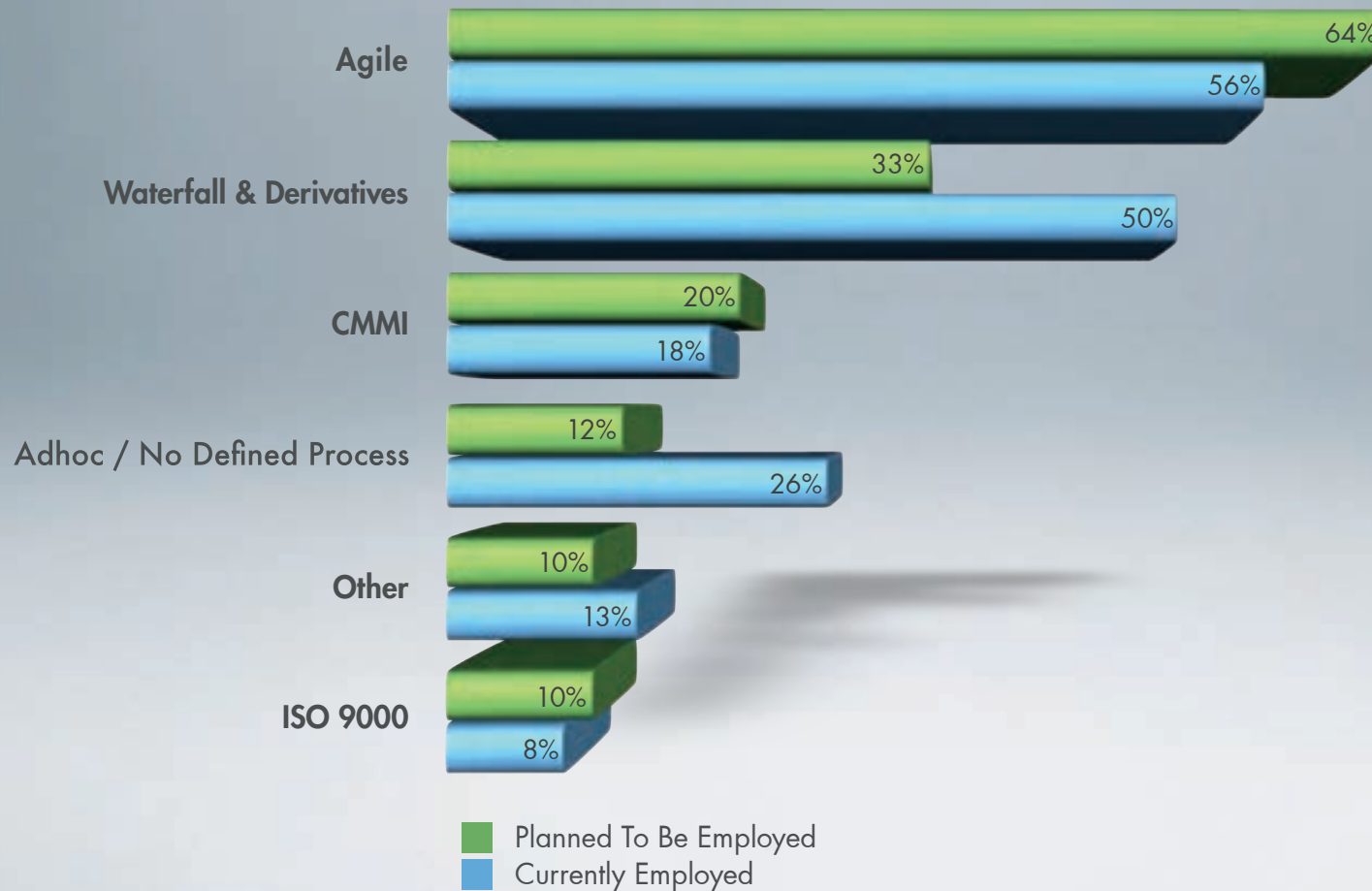
SOFTWARE
PRODUCTIVITY
REPORT
2012

ABOUT THE REPORT

AgileTurkey.org is glad to bring you Turkish Software Productivity Report. This report aims to give you an insight about the software development methodologies and techniques that are employed in the market. Moreover, the report sets the future trends that will help the market to increase its productivity.

SOFTWARE DEVELOPMENT METHODOLOGIES

Agile Methodologies are replacing Waterfall & Derivatives fast in the market. Especially Scrum or its variants are by far the most common Agile Methodologies employed.



64%

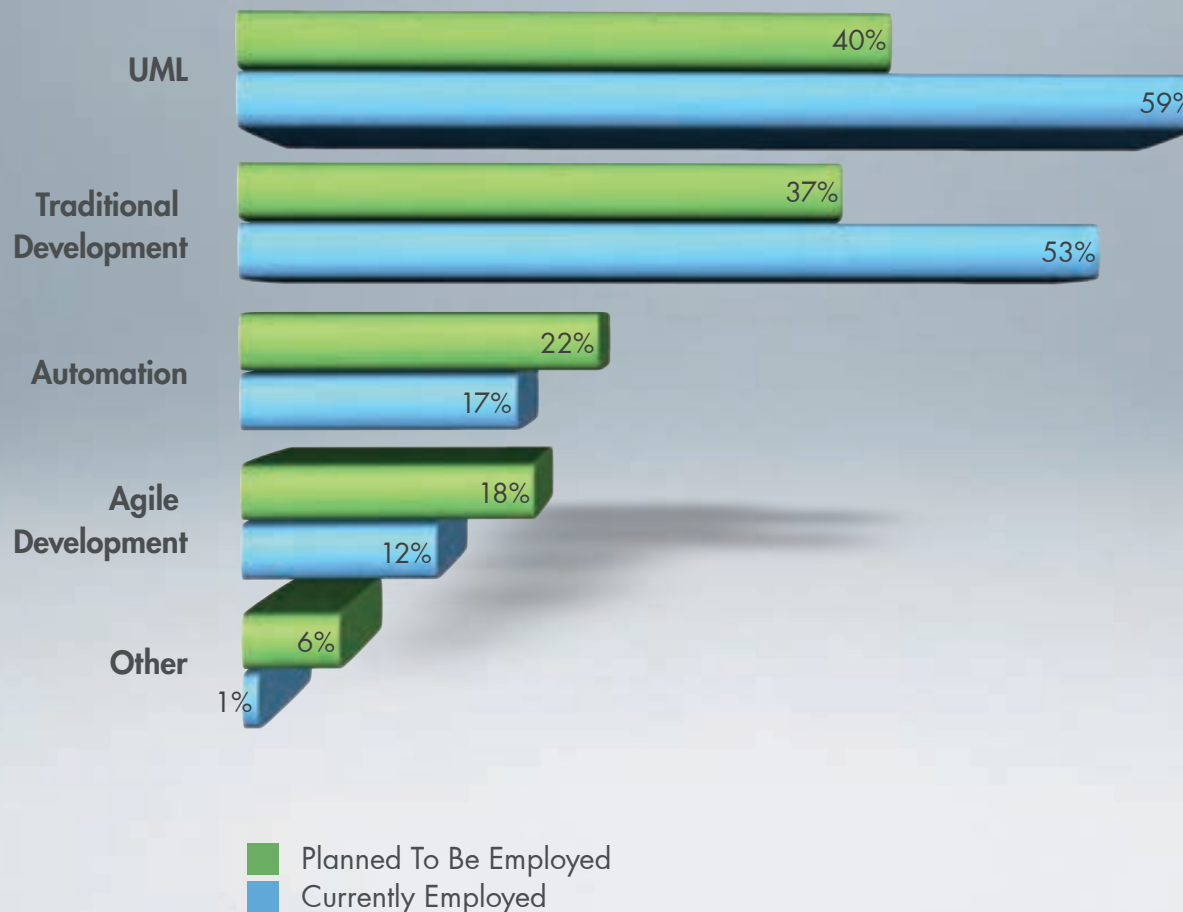
64% of the respondents are planning to use Agile Methodologies in near future.

33%

50% of the respondents are currently using Waterfall & Derivatives. But, only 33% of the respondents are planning to continue to use Waterfall & Derivatives.

SOFTWARE DEVELOPMENT PRACTICES

Agile Engineering Practices are slowly taking place and are expected to be of high interest as the use of Agile Methodologies become more mature in the market. The market needs Agile Engineering Practices to continuously improve the productivity gained by Agile Methodologies.



18%

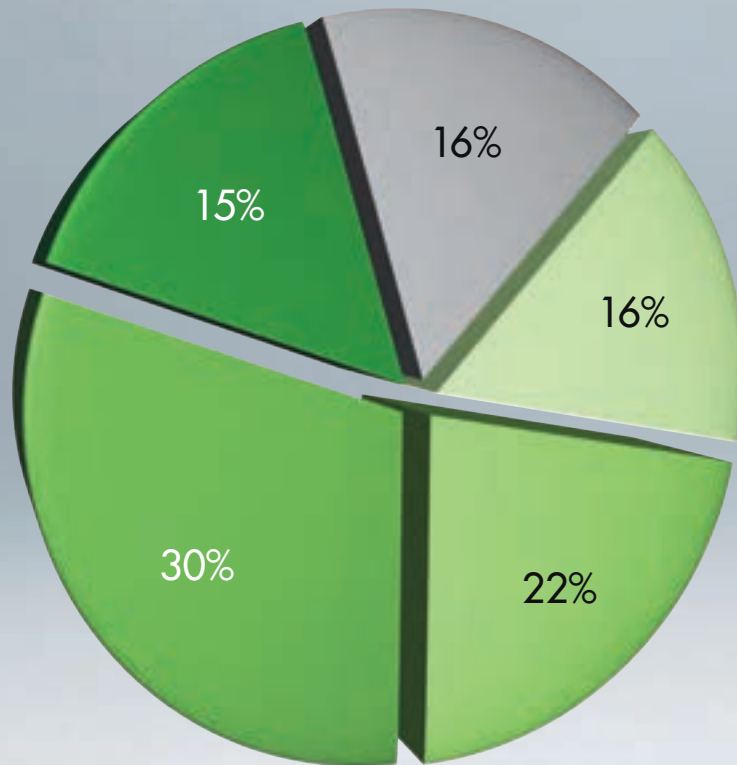
18% of the respondents are planning to use Agile Development Practices in near future.

37%

53% of the respondents are currently using Traditional Development Practices. But, only 37% of the respondents are planning to continue to use Traditional Development Practices.

PROJECT SUCCESS RATE

Project success rate is expected to improve by the increasing use of Agile Methodologies.



- Not measuring
- 0-50% of projects described as successful
- 51-70% of projects described as successful
- 71-90% of projects described as successful
- 91-100% of projects described as successful

45%

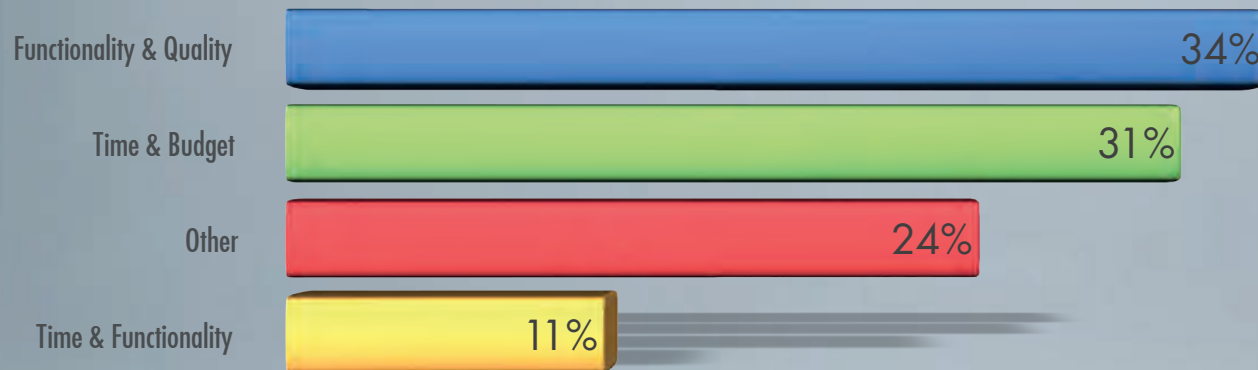
45% of the respondents claim that they have a project success rate over 70%.

64%

64% of the respondents which claimed that their project success rate is over 70% employ Agile Methodologies and prefer Agility.

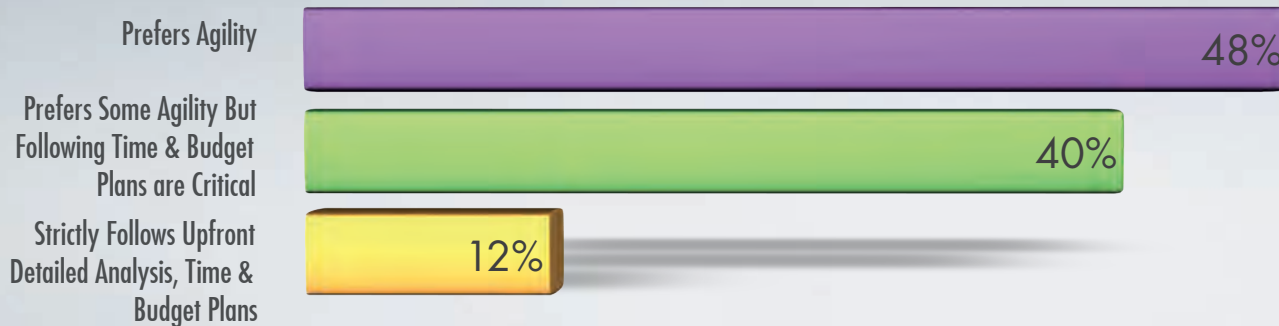
PROJECT SUCCESS CRITERIA

Achieving time & budget plan targets are still important project success factors however increasing market competition emphasizes the importance of value created and time to market. Therefore, project success focus is expected to shift to functionality & quality in order to maximize the value creation.



34%

In terms of project success, 34% of the respondents said that high quality and functionality that creates value and so increases customer satisfaction are more important than following time and budget plans.

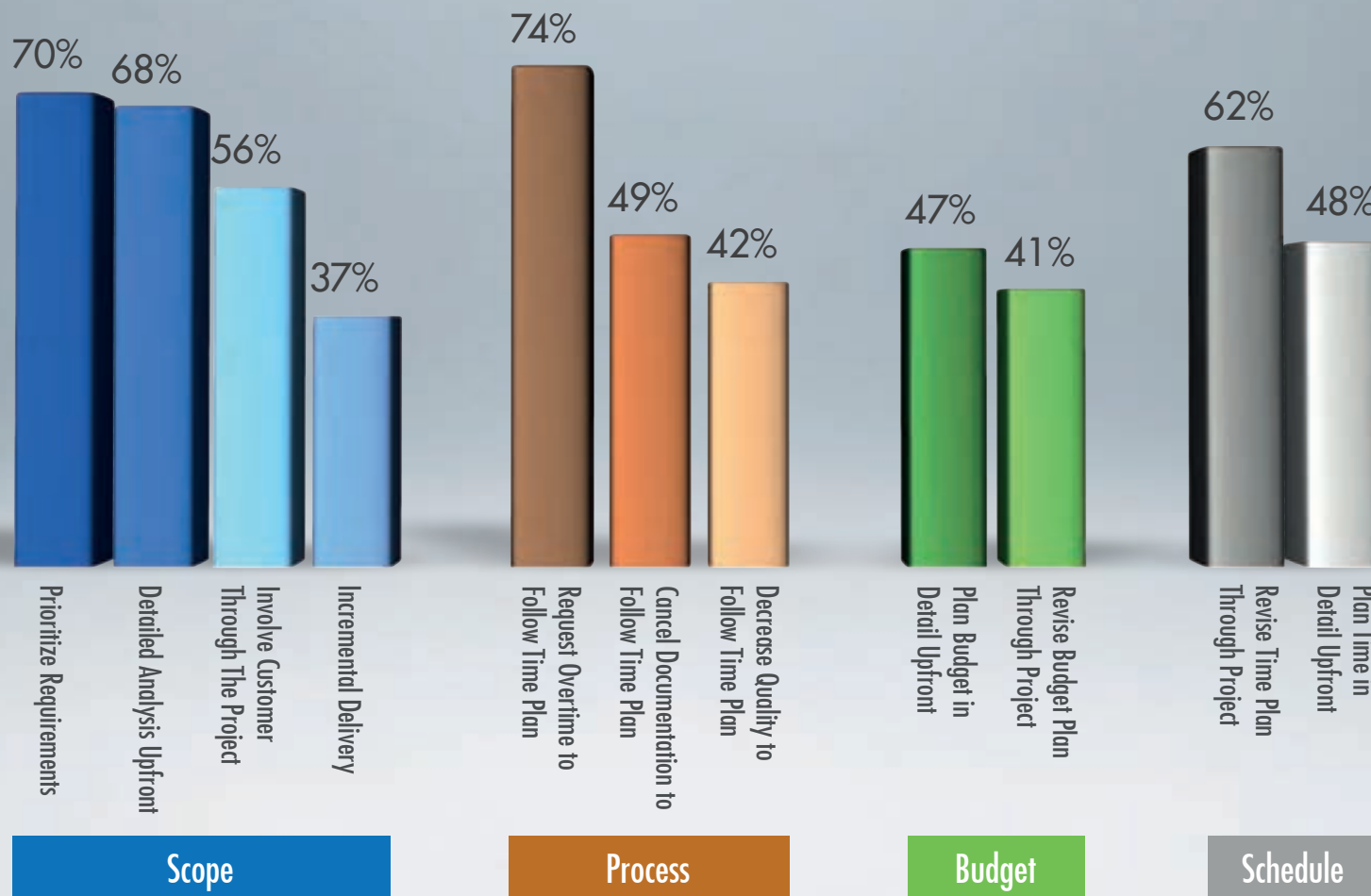


88%

88% of the respondents showed importance to customer involvement, efficiently adapting to change and achieving a high level of quality.

STRATEGIES FOR SUCCESS

By the increasing importance of time to market, detailed upfront analysis and detailed upfront planning of time & budget are expected to lose their tenancy. Instead, strategies that enables Agility like high customer involvement, incremental delivery of software, adapting the plans immediately according to change and high quality are going to be employed more.



RESPONDENT DEMOGRAPHICS

The survey data includes responses from near 400 participants from around 50 companies. Most of the participants work in the IT departments of enterprise companies.

Sector

61% of respondents work at companies in software, finance and telecom domains

Size

67% of respondents' companies have development teams of 1-100

Position

49% of respondents were managers involved in software development

Experience

94% of respondents have more than 3 years experience in software development

ABOUT AGILETURKEY.ORG

Established in 2008, as a nonprofit organization, AgileTurkey.org aims to enhance IT project success in the Turkish market by expanding the world wide proven Agile Methodologies' usage in the market.

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