



SCRUM METRIKE I PLANIRANJE ISPORUKE

Agilni pristup

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SCRUM CIKLUS

KAKO ONO BEŠE?



01

SPRINT METRIKE

Scrum



Agile \neq Plans

Agile = (Re)Planning



Agile ≠ Gutfeeling

Agile = Evidence-based acting



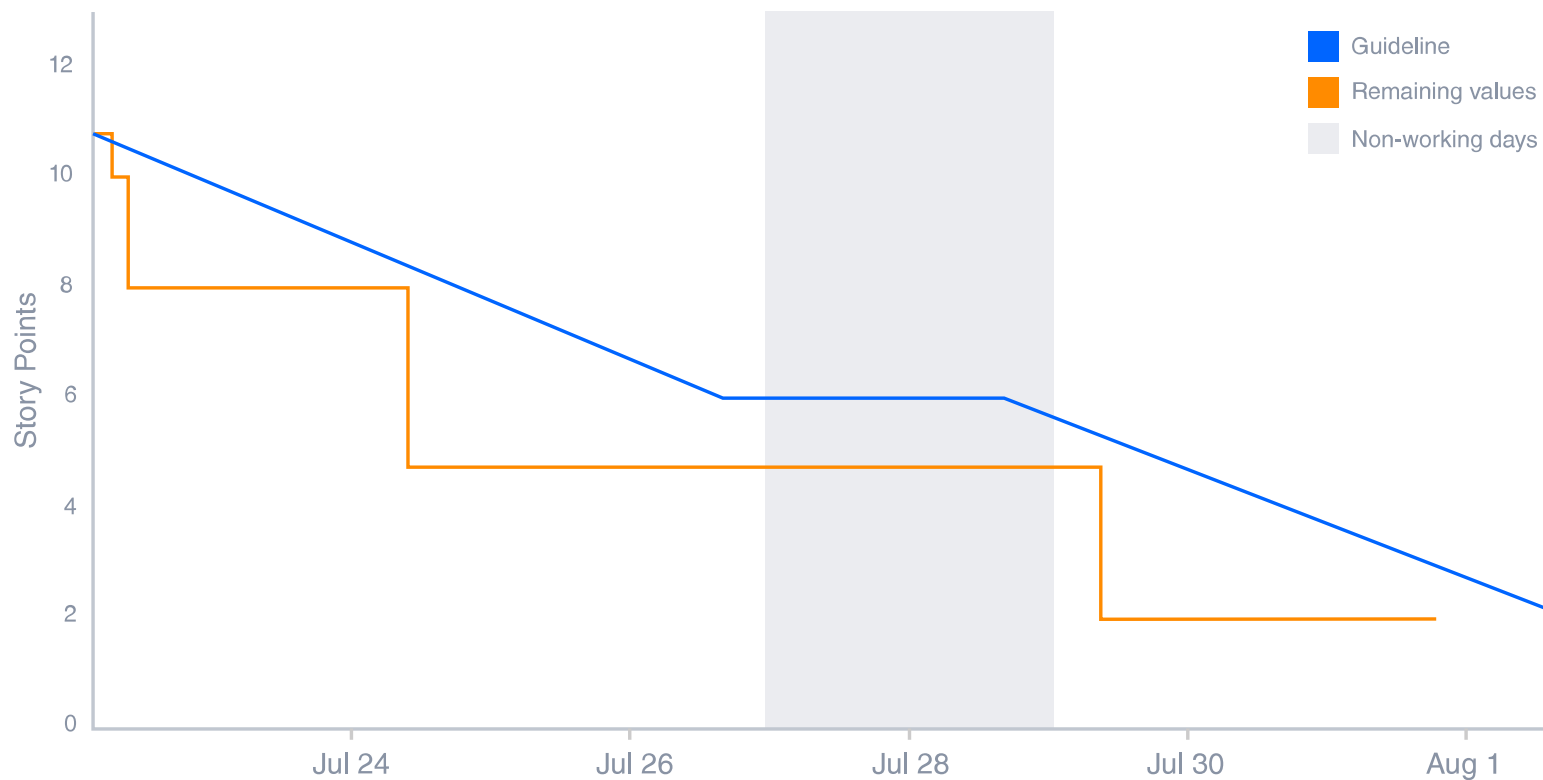
SCRUM METRIKE

- Timovi postaju uspešni samo kada znaju svoj učinak i stalno ga poboljšavaju
- Osnovne metrike:
 - Burndown
 - Velocity

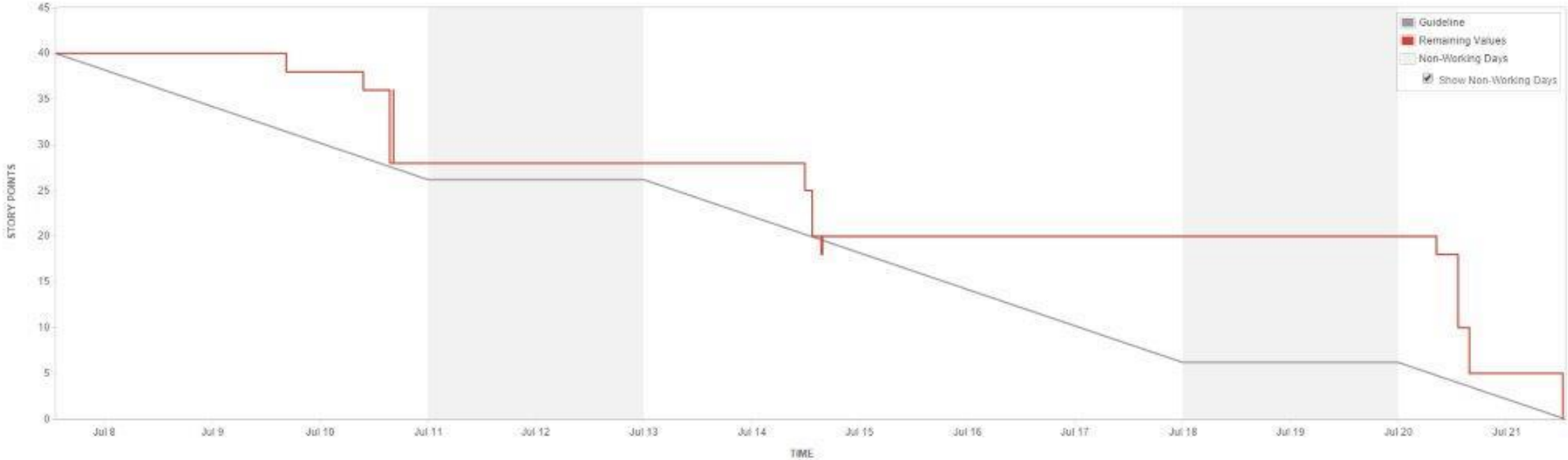


METRENJE PROGRESA U SPRINTU - SPRINT BURNDOWN -

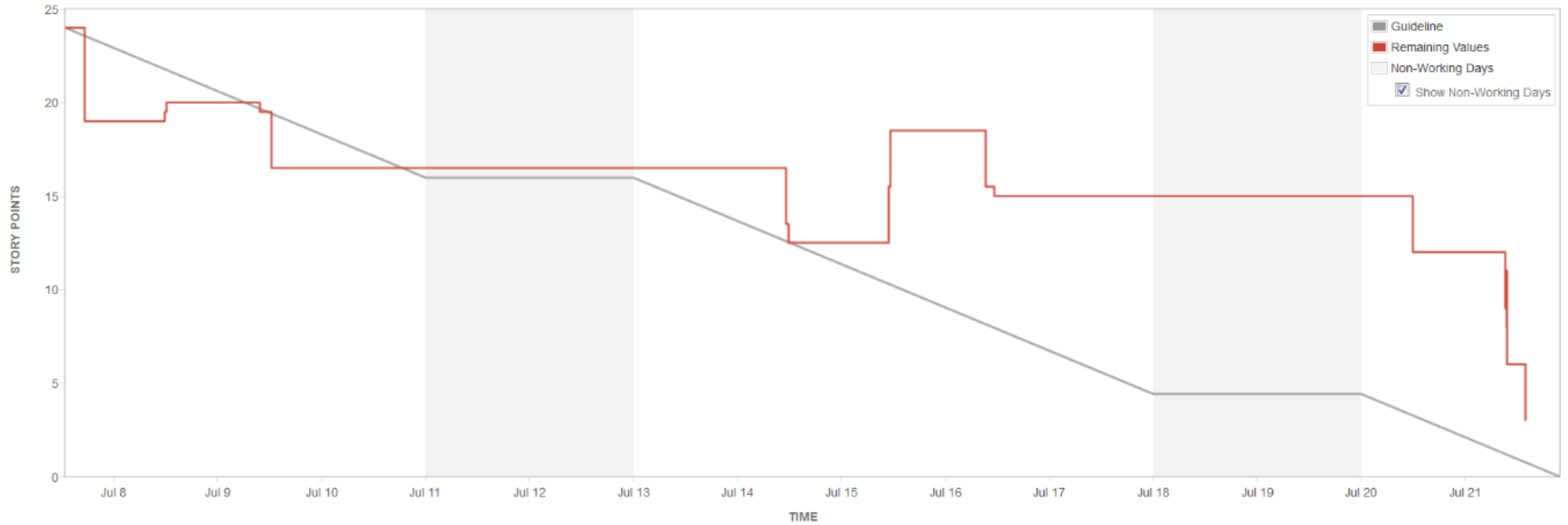
Odmah pokazuje koliko je vrednosti sprint već doneo i koliko smo blizu ispunjenja našeg cilja i komitmenta.



BURNDOWN – PRIMER 1



BURNDOWN – PRIMER 2



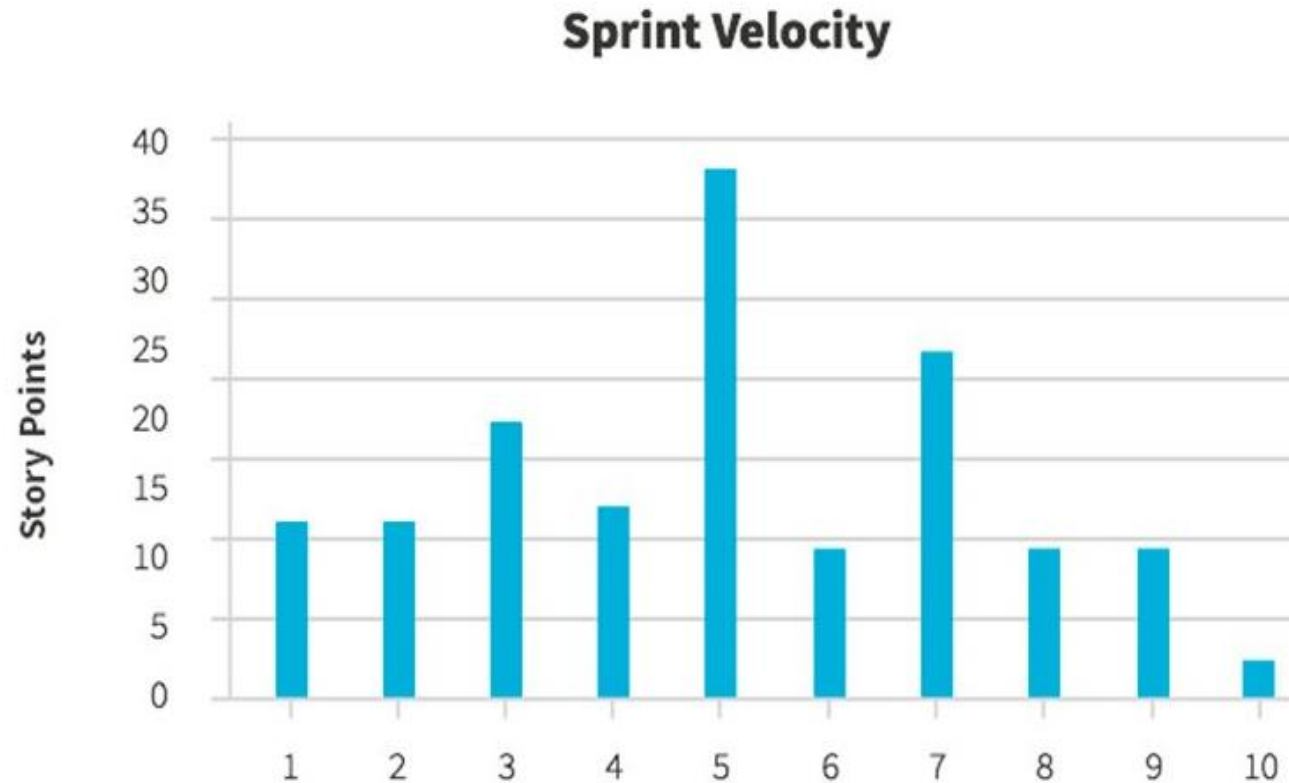
VELOCITY

- Velocity je mera stope napretka tima za vreme jednog sprinta
- U pitanju je zbir broja Story poena koje je tim završio za vreme jedne iteracije

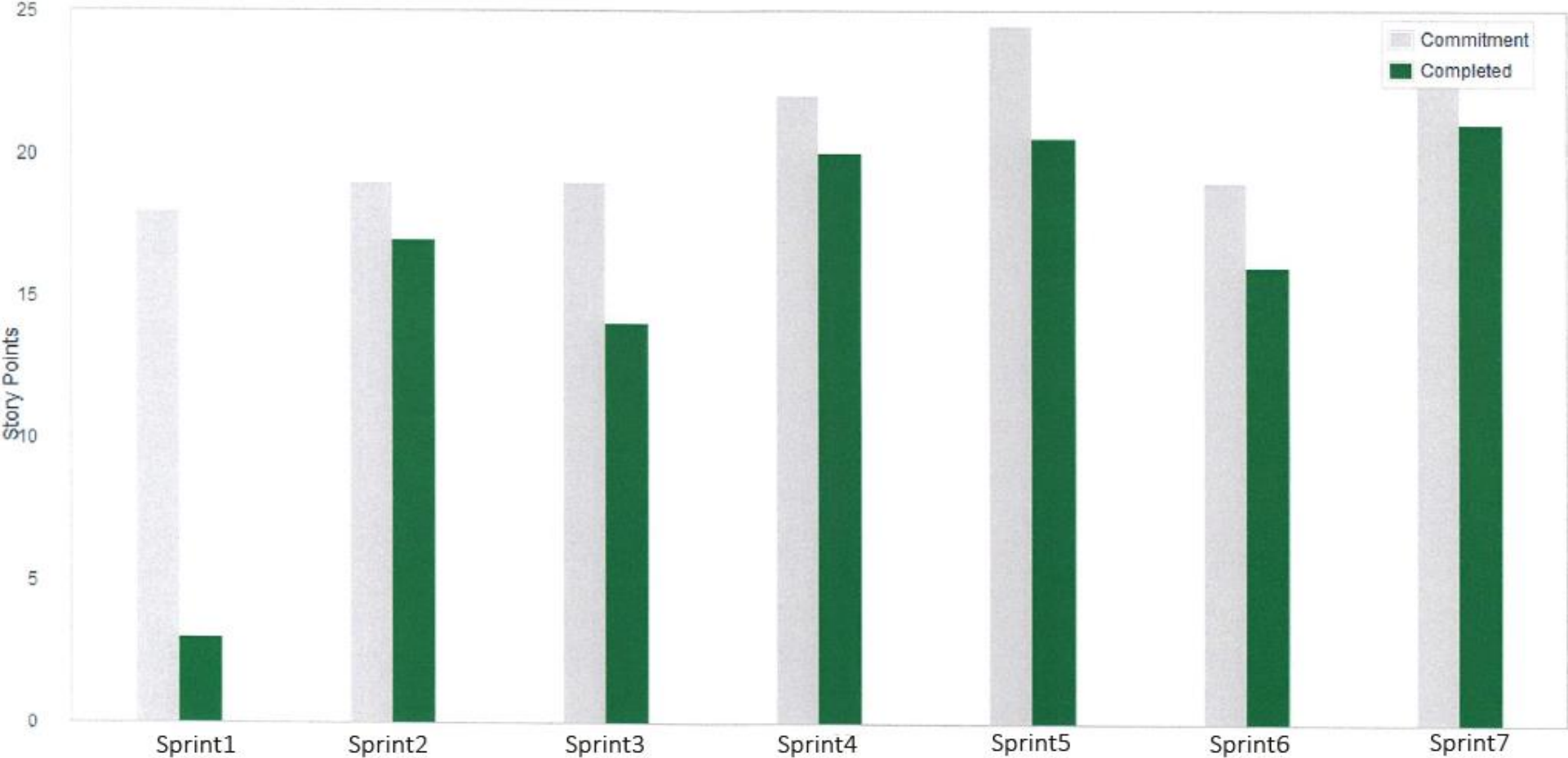


PREDICTABILITY METRIC - VELOCITY

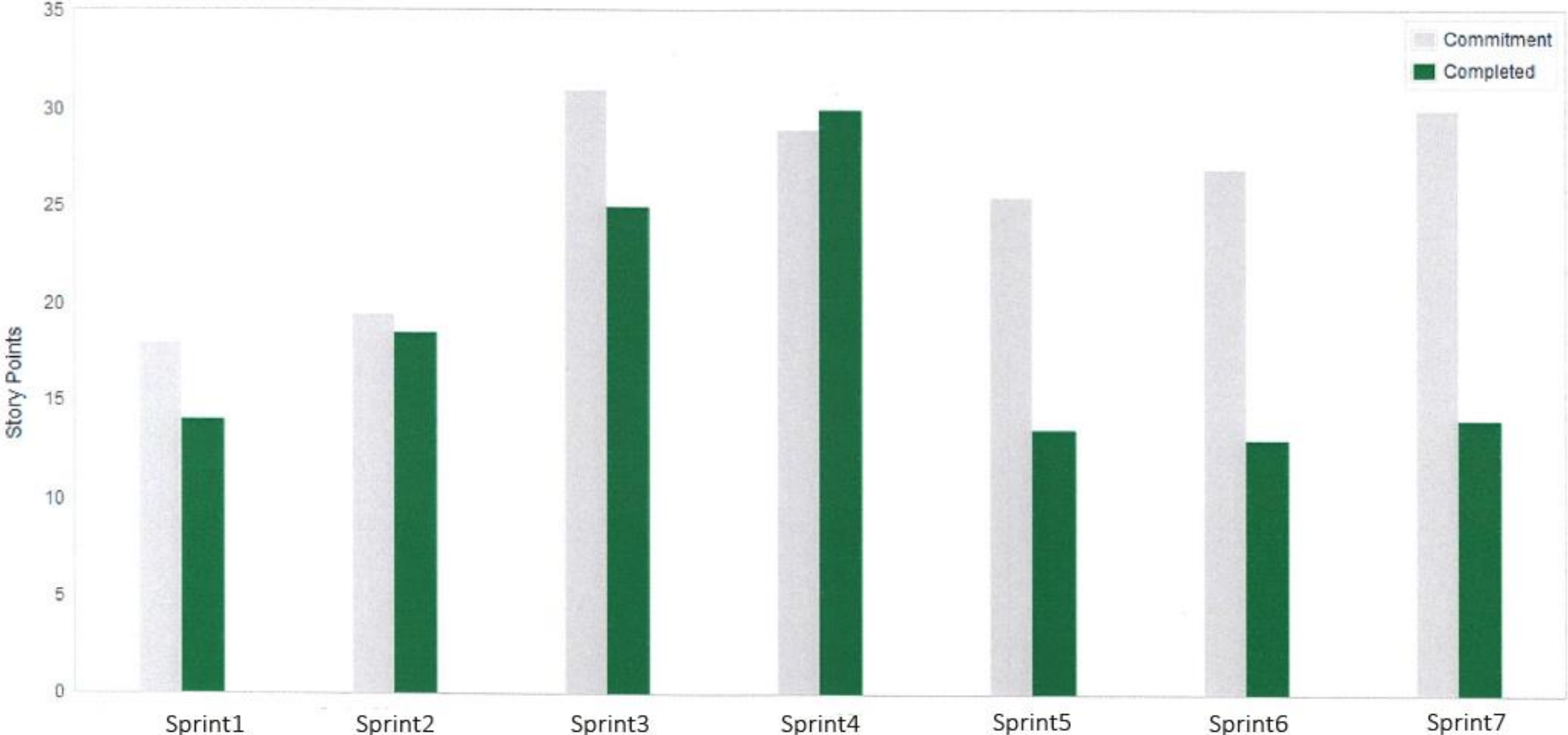
Velocity meri koliko je SP u proseku postigao tim u poslednjih nekoliko sprinteva. Može se koristiti za predviđanje rezultata tima u predstojećim sprintevima.



VELOCITY – PRIMER 1



VELOCITY – PRIMER 2



VELOCITY NIJE SAMO BROJ, UVEK JE OPSEG

Velocity se koristi:

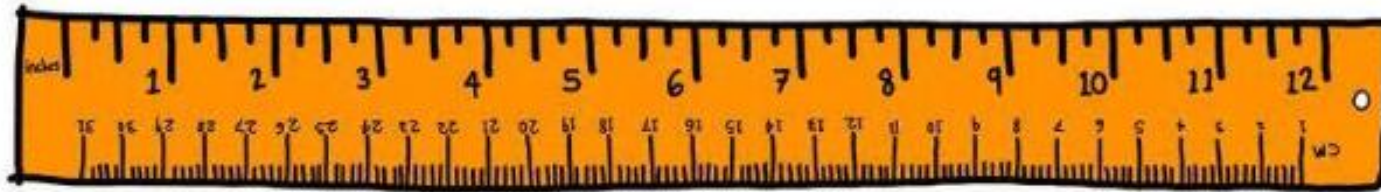
- Da se predvidi kolika količina posla može da se isporučiti do određenog datuma.
- Da predvidi rok za fiksnu količinu posla.
- Da se razumeju limiti i postavbe ograničenja prilikom definisanja količine posla kojim će se tim baviti u toku sledećeg sprintsa.



VELOCITY IGRA



If you can't measure it,

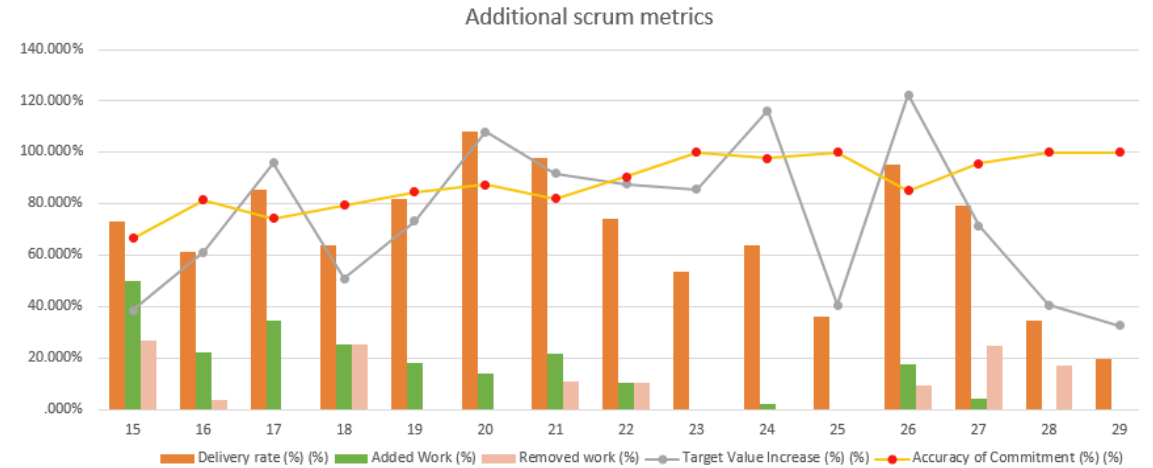
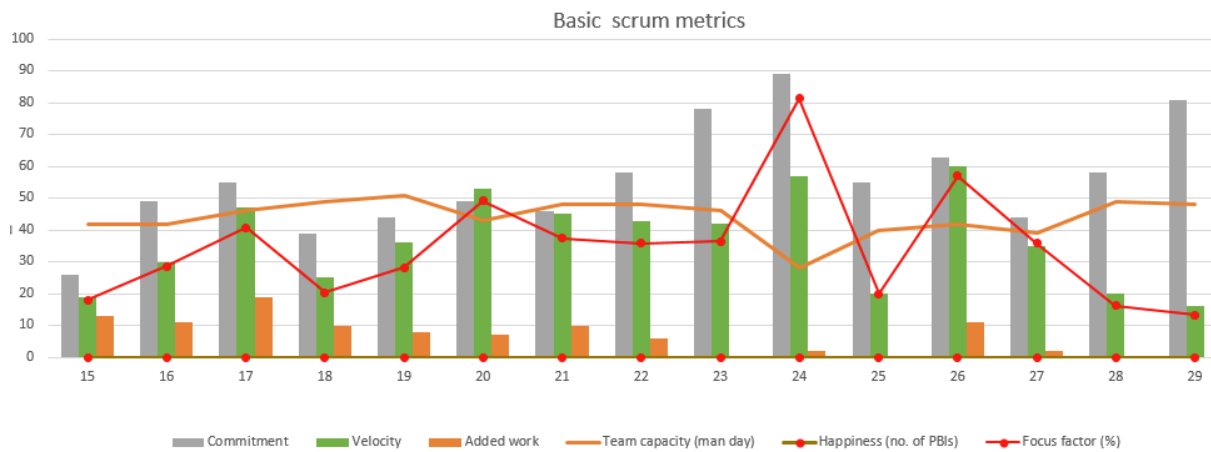


you can't improve it.

NAPREDNE SCRUM METRIKE

SCRUM METRICS

Sprints	Team capacity (man day)	Commitment		Velocity	Completed Stories		Delivery rate (%)	Focus factor	Added work		Removed work		Added Work (%)		Removed work (%)		Defect density	Happiness
		(est. unit)	(no.)		(no.)	(%)			(est. unit)	(no. of PBIs)	(est. unit)	(no. of PBIs)	(est. unit)	(no. of PBIs)	(est. unit)	(no. of PBIs)		
Sprint 1	45	35	10	30	10	100.00%	85.71%	0.67	2	1	1	1	5.71%	10.00%	2.86%	10.00%	10	4
Sprint 2	48	45	10	42	9	90.00%	93.33%	0.88	3	1	3	2	6.67%	10.00%	6.67%	20.00%	8	5
Sprint 3	46	45	9	46	12	133.33%	102.22%	1.00	8	2	5	3	17.78%	22.22%	11.11%	33.33%	11	3
Sprint 4	42	52	11	50	8	72.73%	96.15%	1.19	3	2	3	2	5.77%	18.18%	5.77%	18.18%	2	4
Sprint 5	45	54	12	54	5	41.67%	100.00%	1.20	1	1	1	0	1.85%	8.33%	1.85%	0.00%	2	4



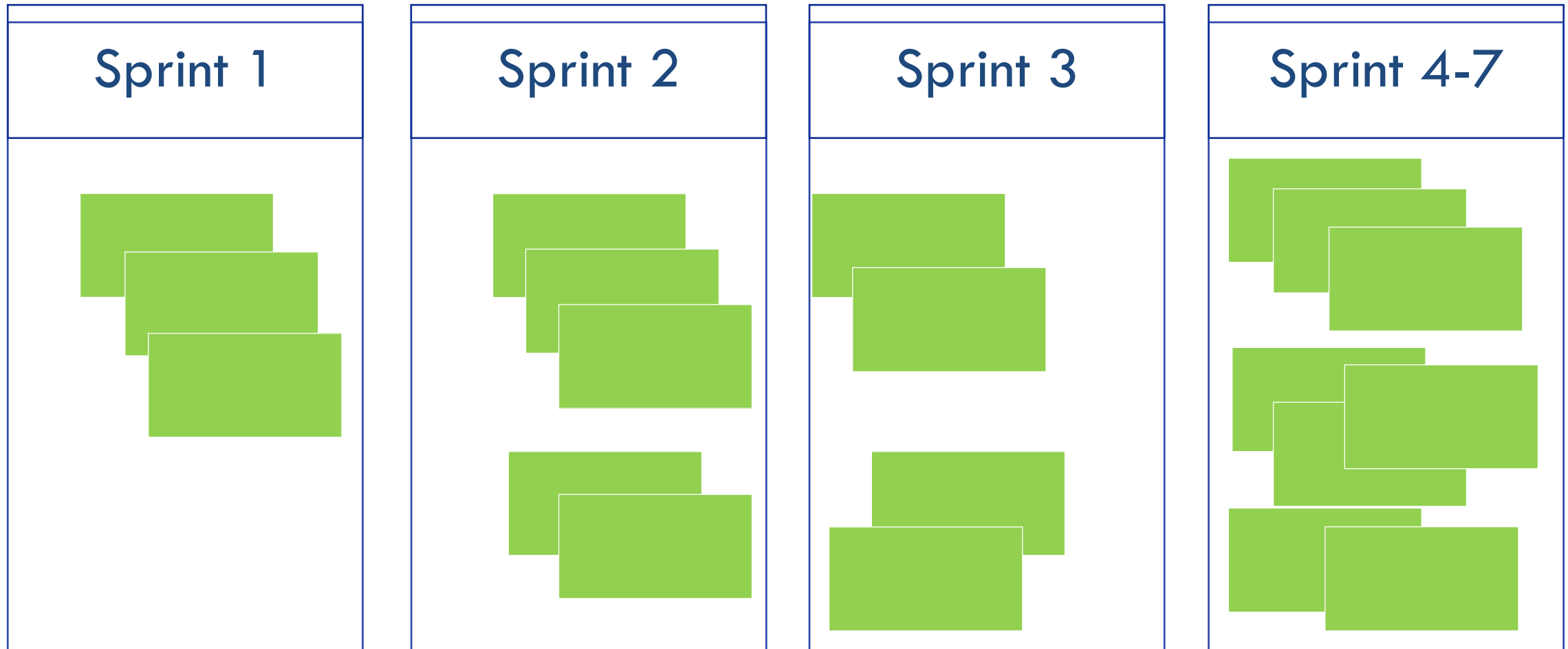
02

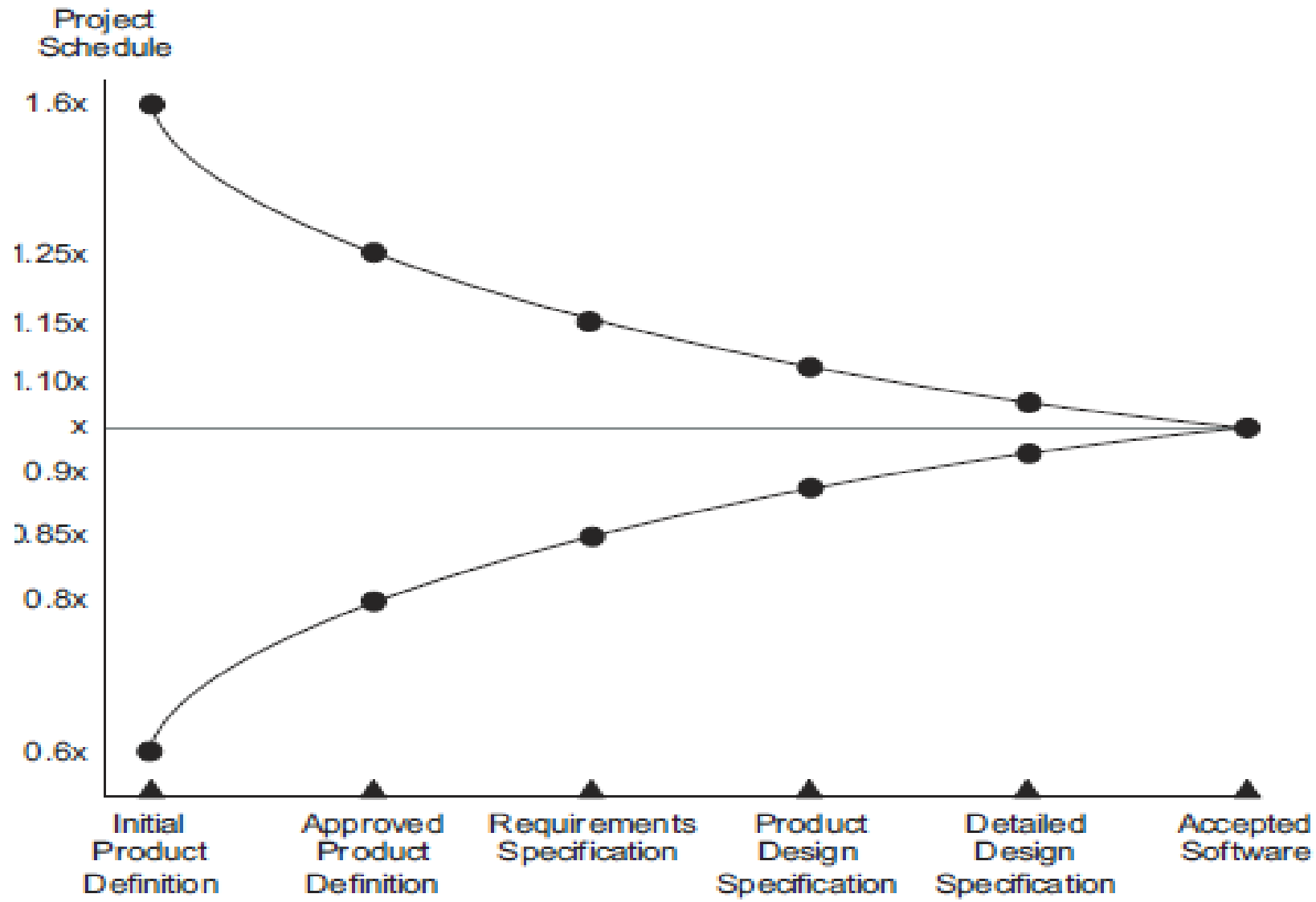
PLANIRANJE ISPORUKE

Scrum

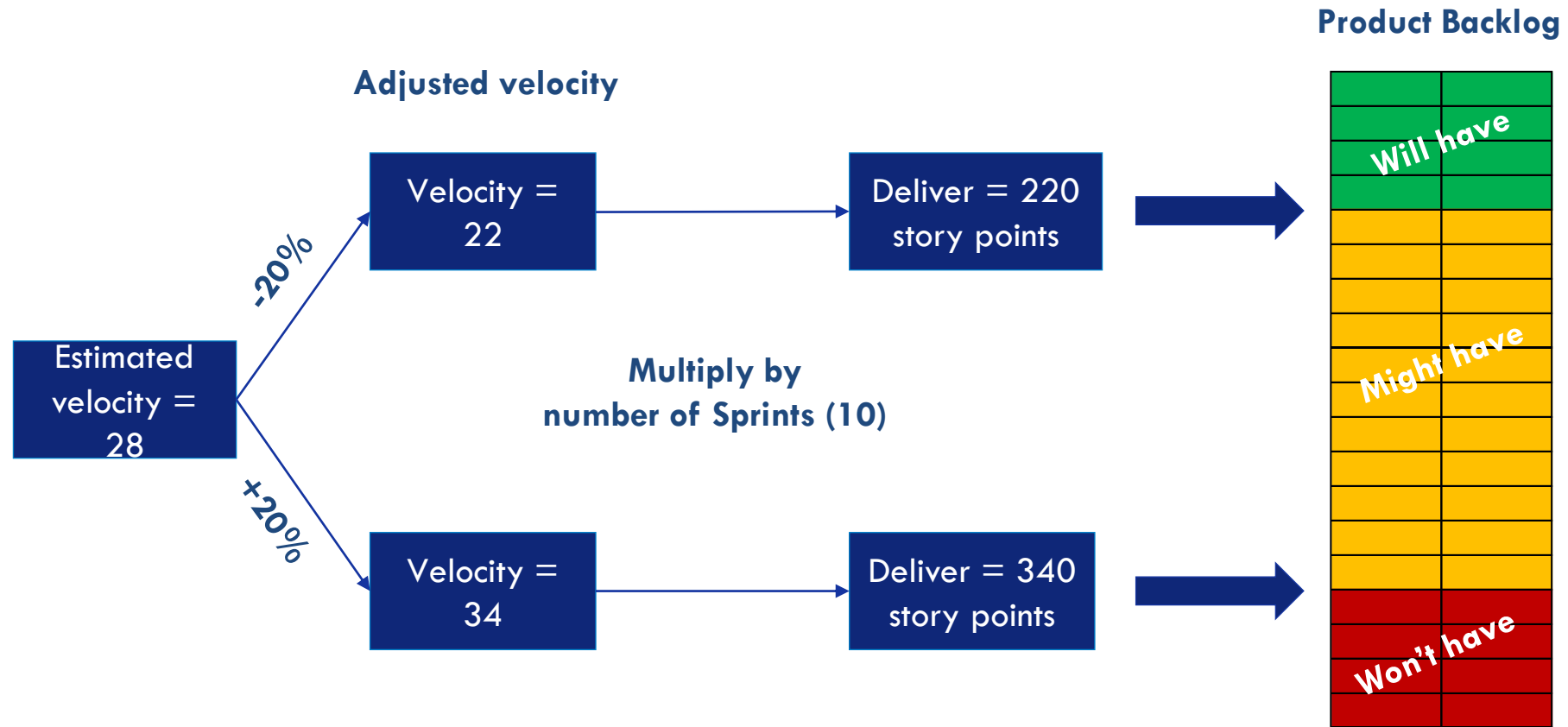


RELEASE PLANIRANJE





RELEASE PLANIRANJE





PITANJA

Agilne metodologije



**levi
nine**

Technology Services