



Web-Based Analytical Tool for Multi-Project Management

Who stands behind Epicflow



R&D



Marketing & Sales



Back End Team



Mobile Dev Team



Q&A Team



Web Dev Team



UI/UX Team



Existing Clients



In 2008, we began with an earlier version for senior managers called Flow MPM.
This year, we successfully re-branded this software as the Epicflow web-based planning app.



Managing
50 projects



Developing
60 new products



Managing
60 IT projects



Producing
2,000 orders per day



Developing
30 new products



Engineering
30 projects



Building
5 super yachts

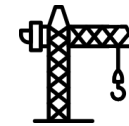
Epicflow is effective in various environments



Engineering



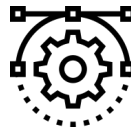
Shipbuilding



Construction



Software
Development

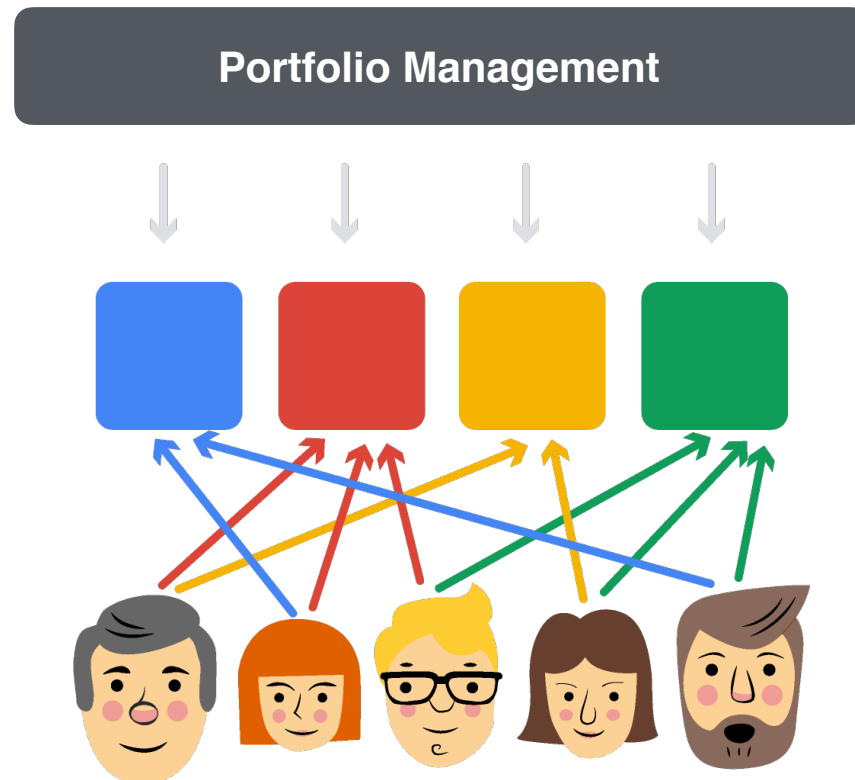


Planning
and Installation



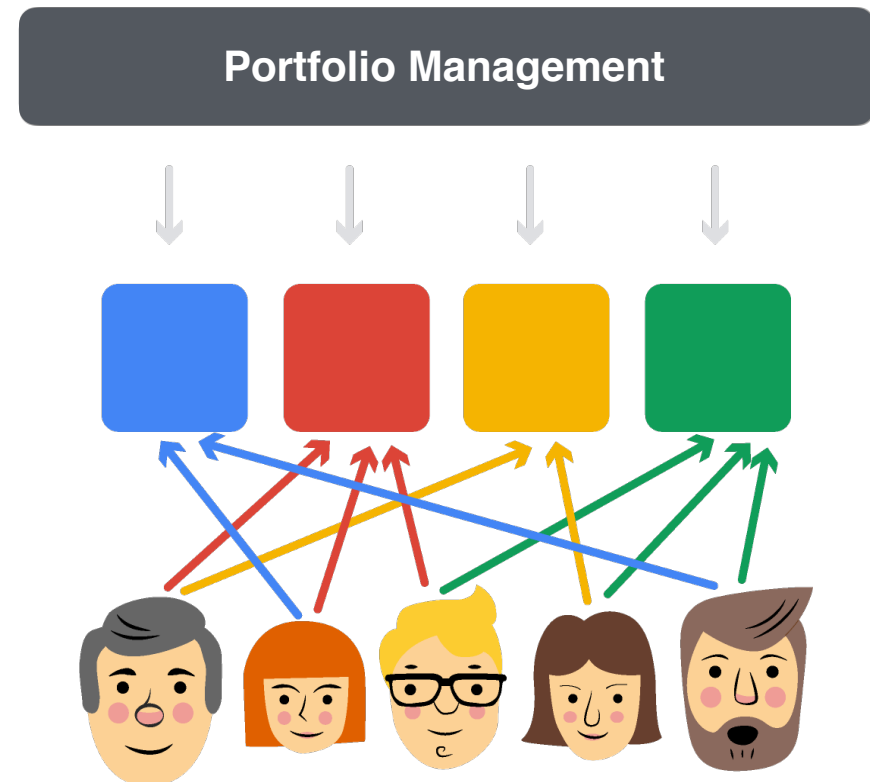
Manufacturing
to Order

The problem area



What impacts on-time delivery?

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10





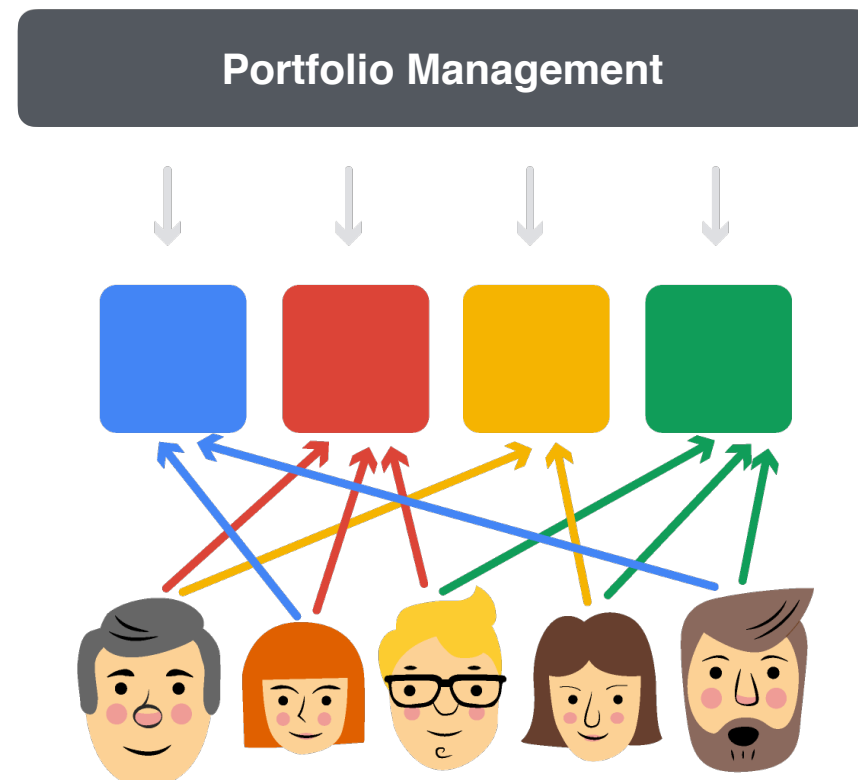
Epicflow Research Expertise

During their doctoral research on multi-project management, Dutch scientists Jan Willem Tromp and Albert Ponsteen gathered data from 4,000 business owners, CEOs, and project managers at small to large enterprise companies...



What impacts on-time delivery?

- 1 Unrealistic planning
- 2 Changing requirements
- 3 Lacking resources
- 4 Uncertainty (Murphy)
- 5 Overload / Lack of focus
- 6 Underestimation
- 7 Too much work / multitasking
- 8
- 9
- 10



Situation in many companies



FMRM board

Backlog

Quick filters ▾

Assignee ▾

VERSIONS

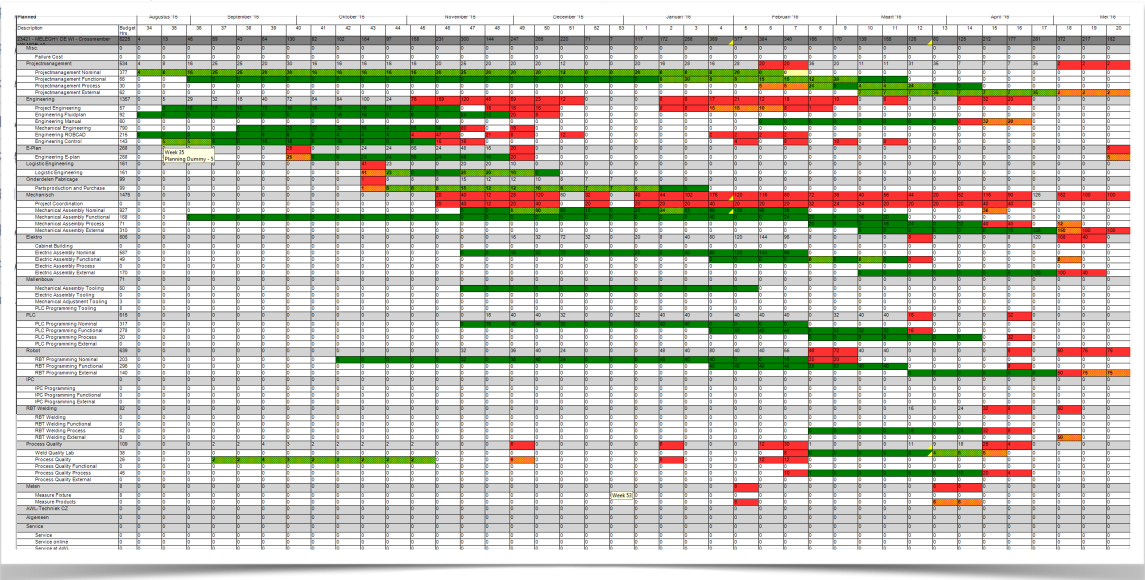
EPICS

▼ **Sprint 21** 31 issues [Edit sprint](#)

09/Jan/18 11:27 AM • 30/Jan/18 12:27 PM

Linux Support : Initial testing (part 1)	Other	FMRM-1633	2
Retrospective 18,19, 20		FMRM-2314	0
Jira Wizard step 4a: Finalize Import	JIRA Jira support	FMRM-1534	1
Add possibility to map external user by name	Jira support	FMRM-2141	
Change implementation of the toggle for show/hide resources with assignment	Jan. Release Candidate	FMRM-2144	
Email notifications	Other	FMRM-1633	
USER deletion	Other	FMRM-2314	
Actual hours update	Other	FMRM-1534	
Update date range viewer in RM-page	JIRA Other	FMRM-2141	
Configure default password for PO and Administrator	JIRA Other	FMRM-2144	
Link to jira tasks	Other	FMRM-1633	
Auto add user	Other	FMRM-2314	
Get updates from Jira ASAP via web hooks	Jira support	FMRM-1534	
Improve performance for the Resource Management page	Jira support	FMRM-2141	

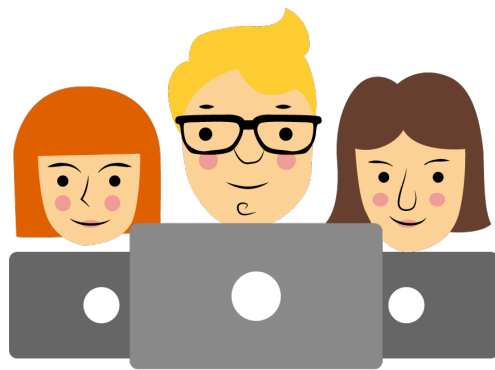
Extremely complex, inflexible, labor intensive, high fail rate



How do they perform?

Does all this detailed control help?

Example from a customer



Skill Team



Capacity



Workload

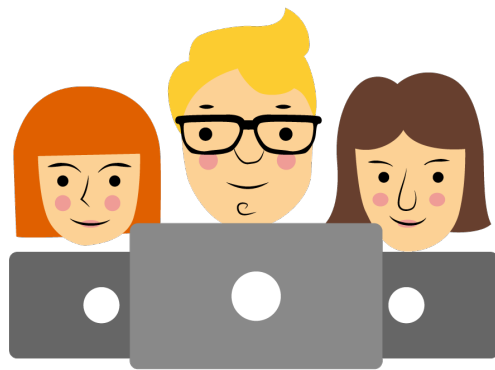


Output

HOW IT FEELS



Example from a customer



Skill Team



Capacity

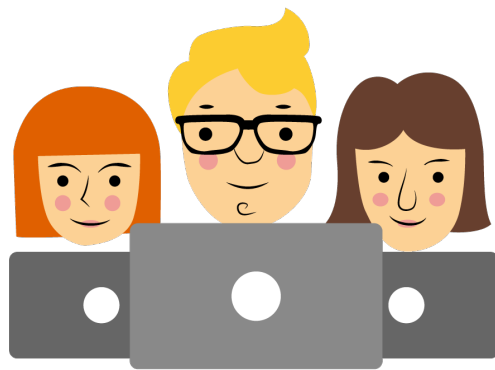


Workload



Output

Example from a customer



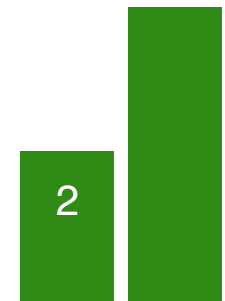
Skill Team



Capacity



Workload



Output



TKF is a cable technology leader servicing customers all over the world. 85 years of specialized expertise in building, industrial, and telecom cable solutions.

The Impact of Epicflow on Business Performance

With Epicflow your organization will be more flexible, your workflow will be more durable, and your time to market will be faster.

“

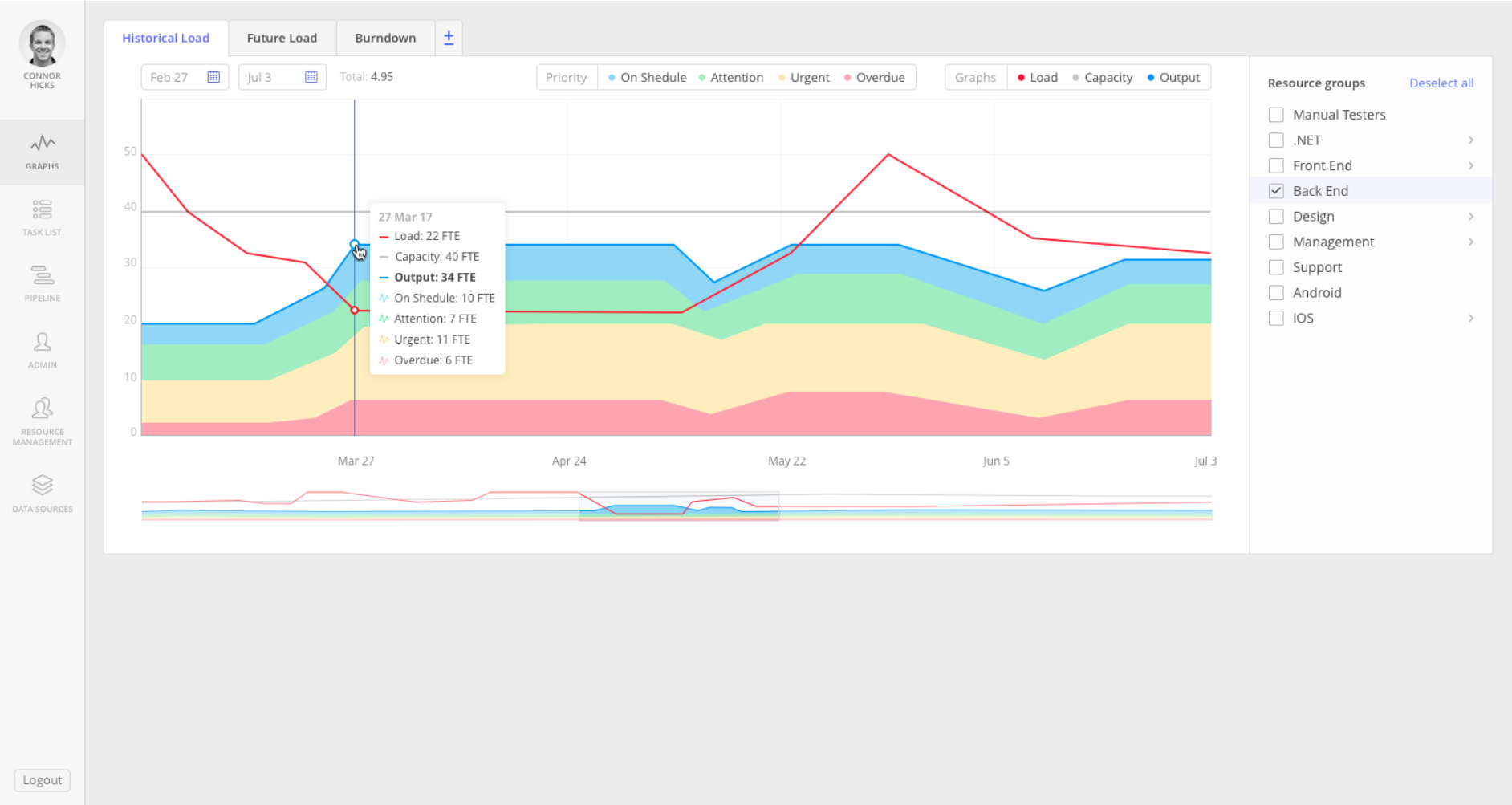
We increased our output by 200% and reduced lead time by 50% in 2 years. We are also able to give our customers a realistic commitment nowadays.



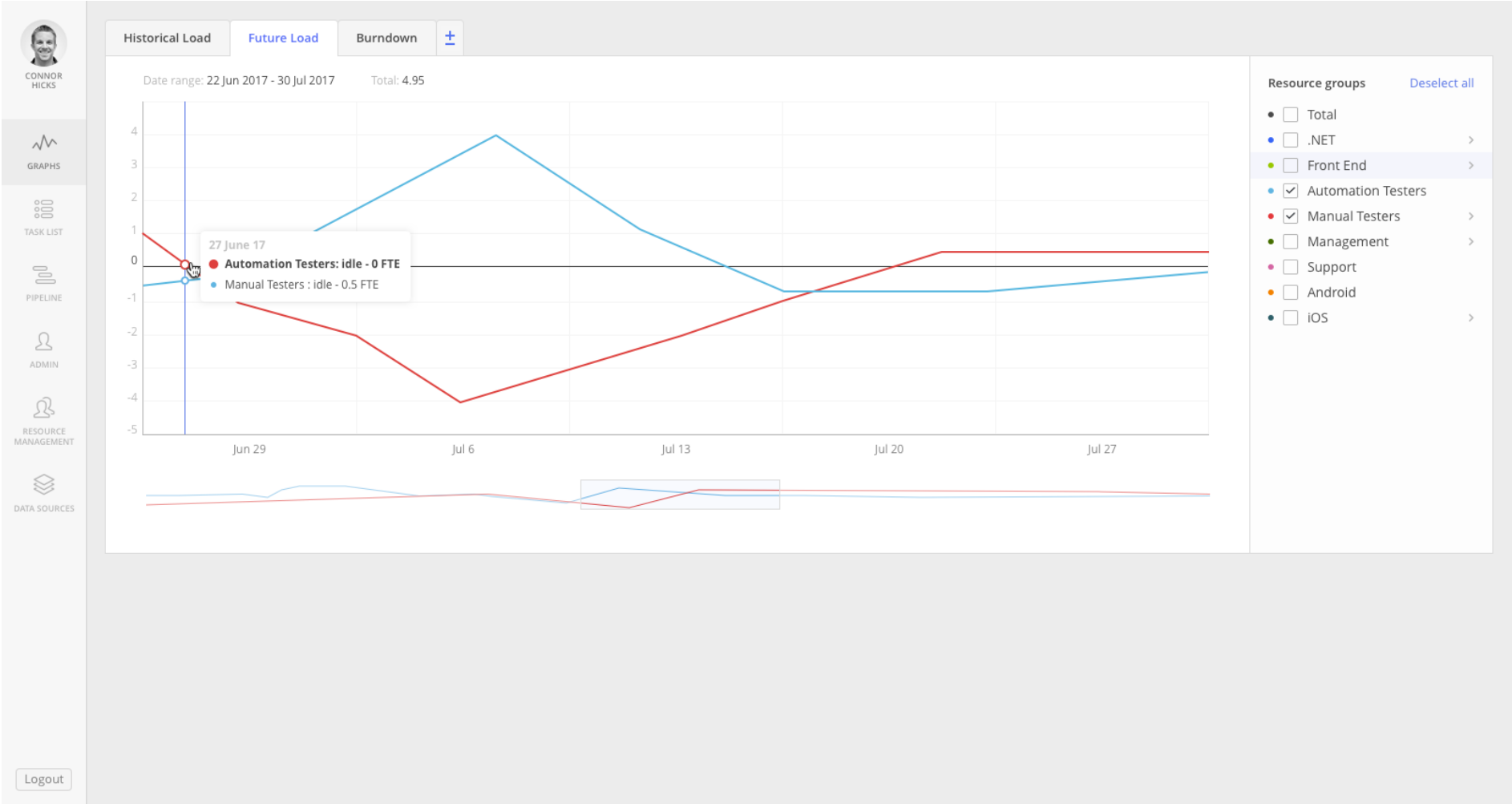
Hans de Boer

R&D Director, TKF

Historical Load Graph



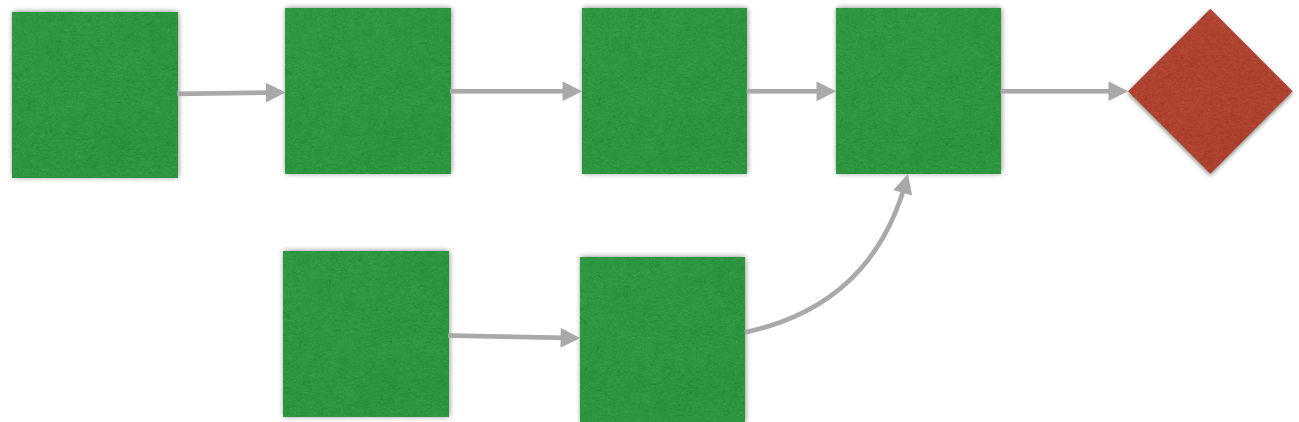
Future Load Graph



Epicflow requires minimum data



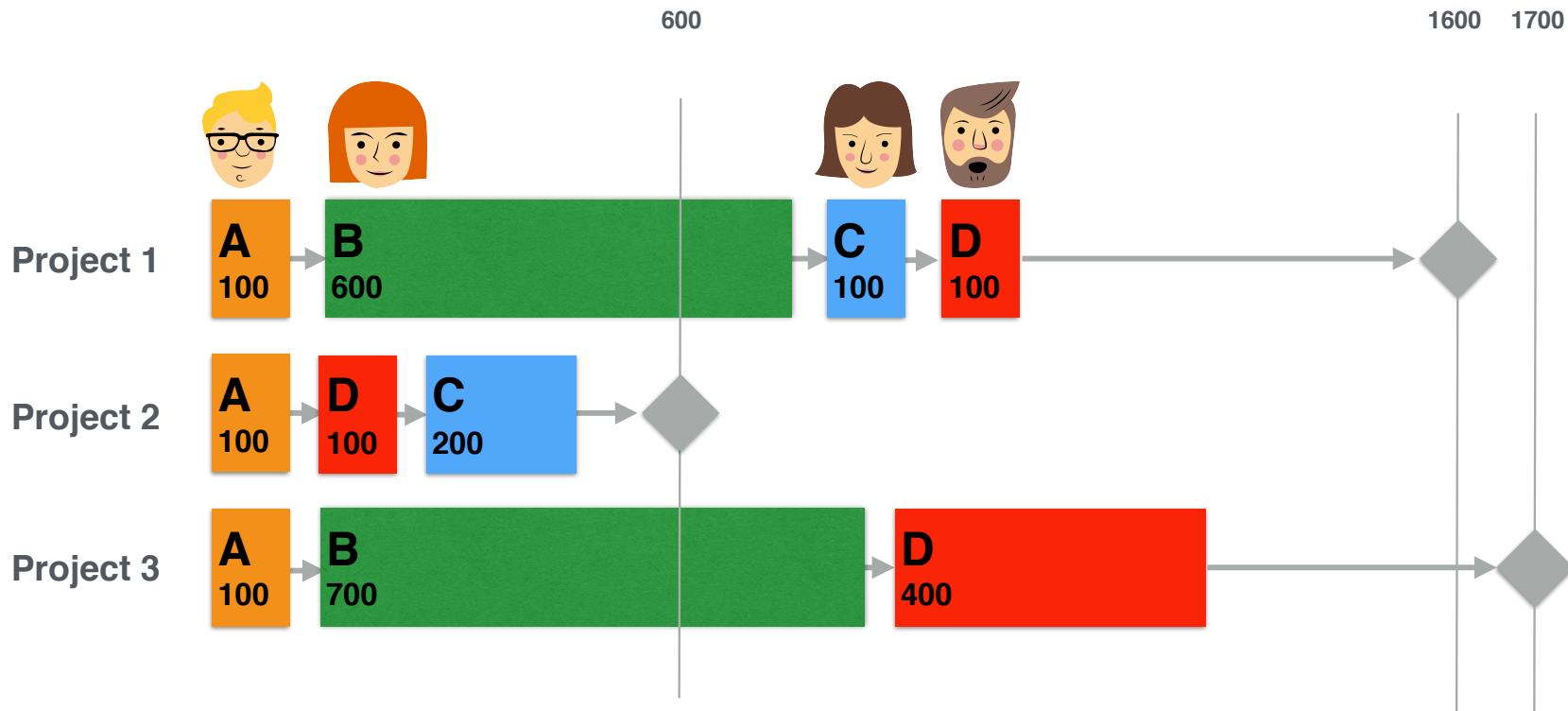
- ✓ Tasks and their dependency network
- ✓ Resource groups assigned to complete the task
- ✓ A rough work estimate of each task
- ✓ Project and milestone deadlines



**Right
Priorities**



Which Project should resource A start working on?



Answers:

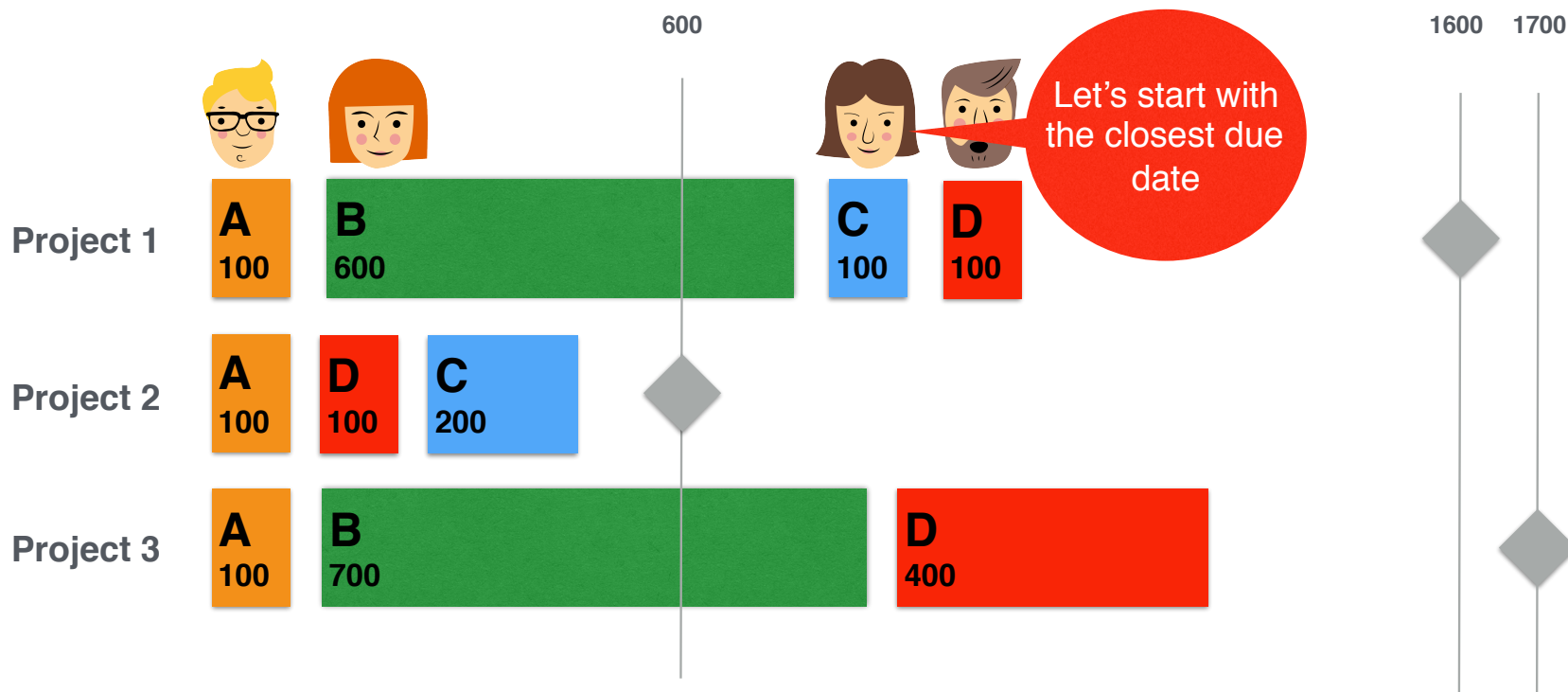
A. 1-3-2

B. 3-2-1

C. 2-3-1

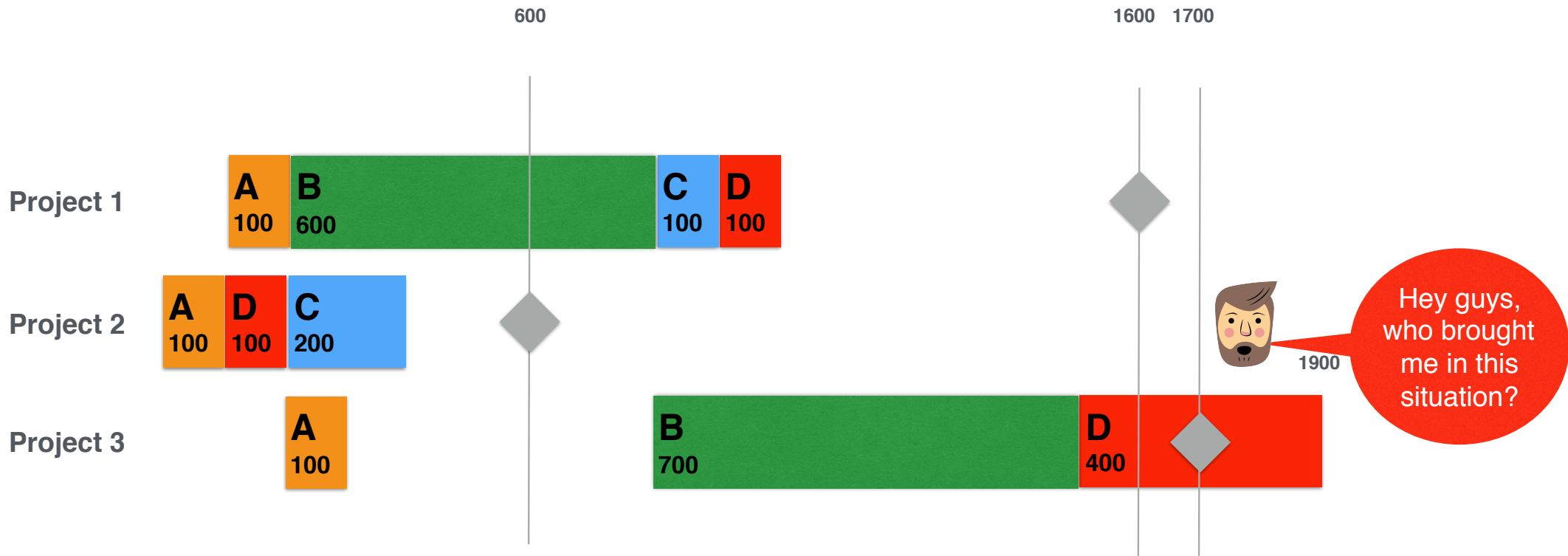
D. 2-1-3

Which Project should resource A start working on?



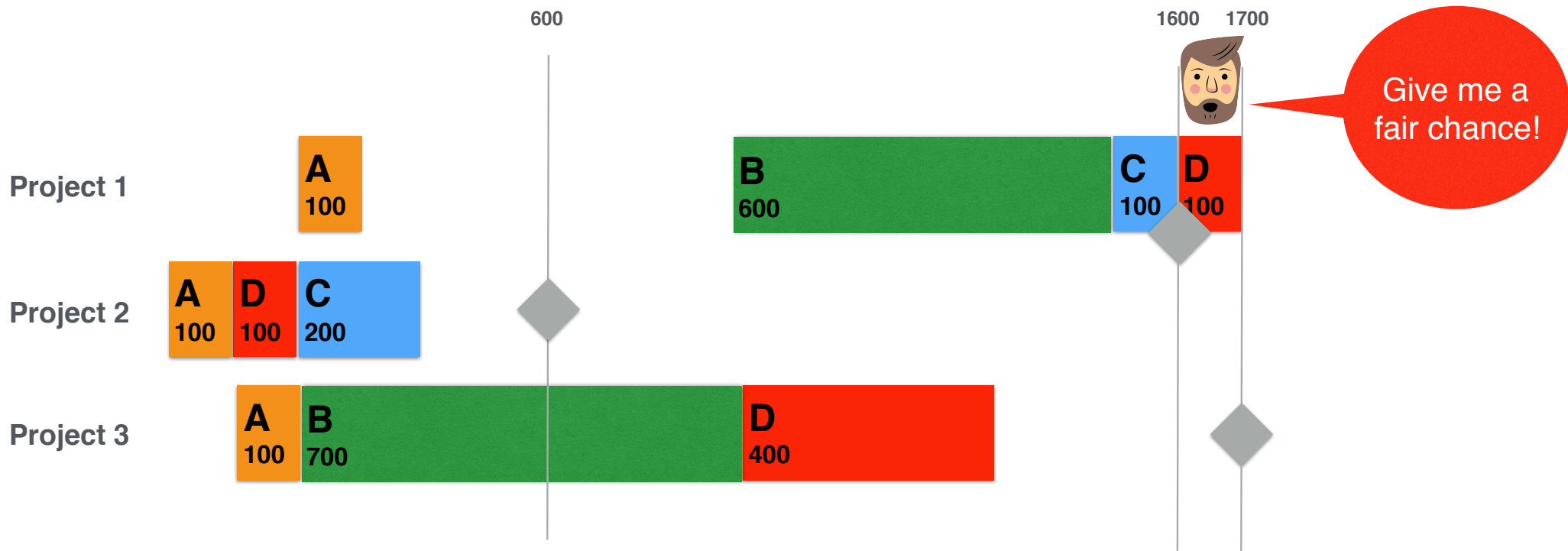
First due date based

Which Project should resource A start working on?



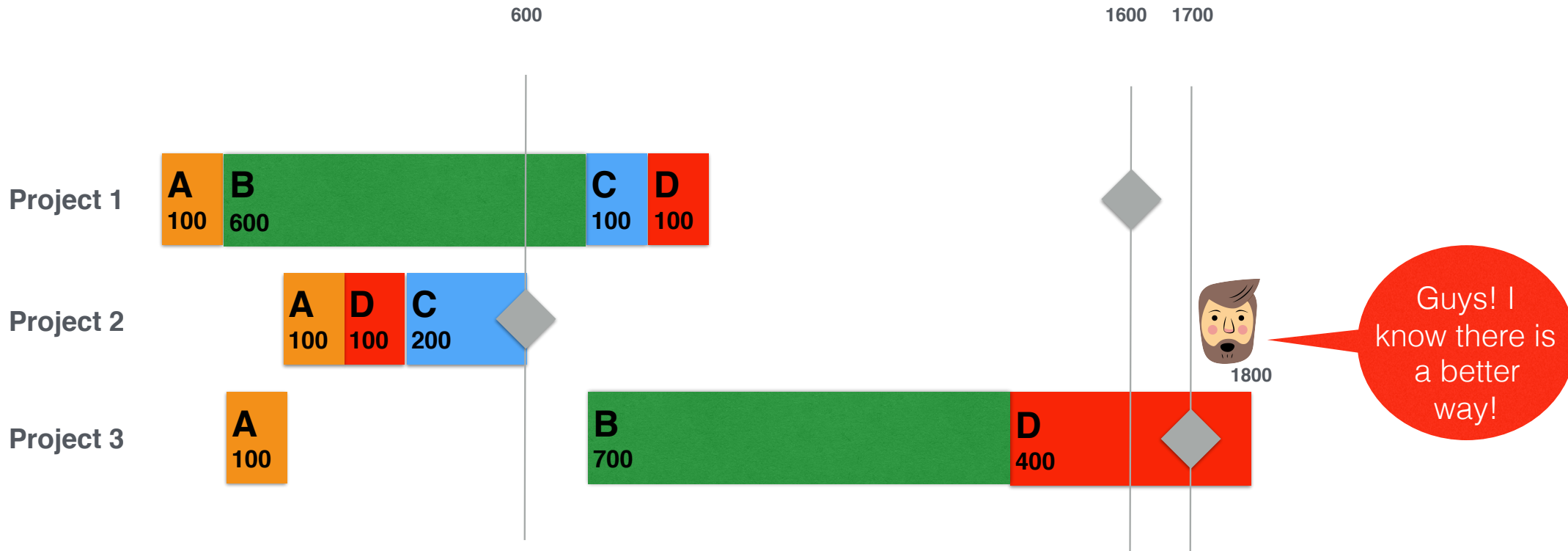
OOPS!
Lets switch 1 and 3

Which Project should resource A start working on?



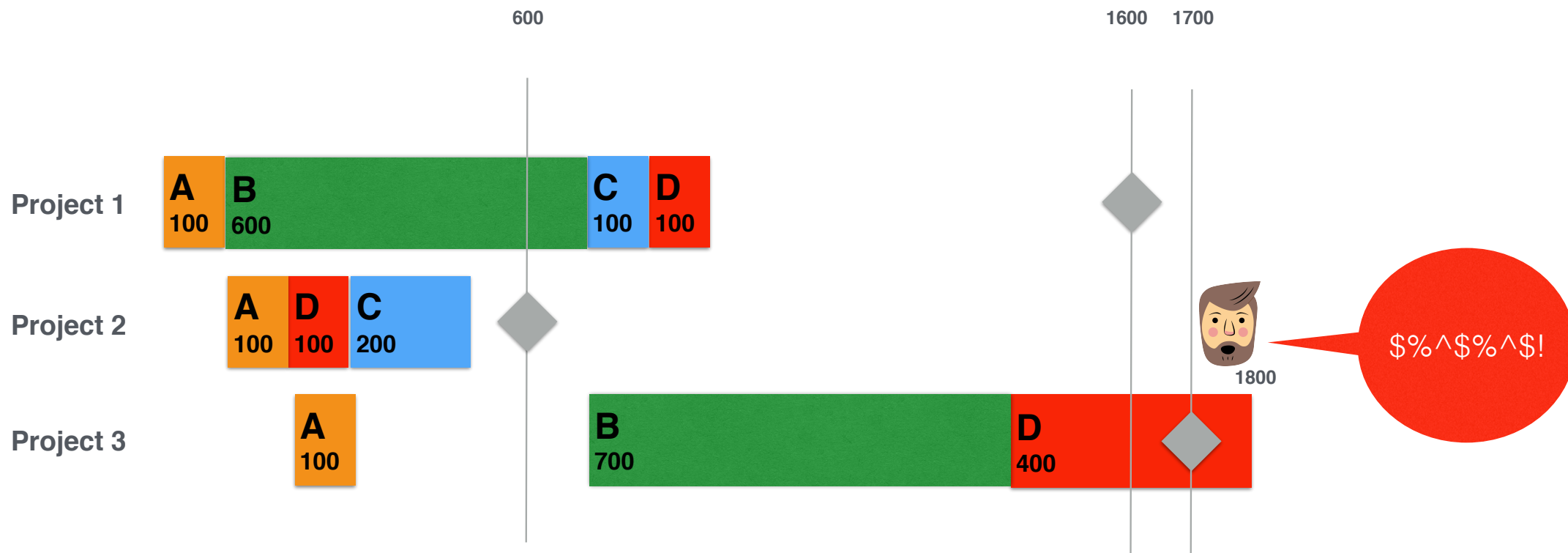
Oops, not good enough
Lets start with 1

Which Project should resource A start working on?



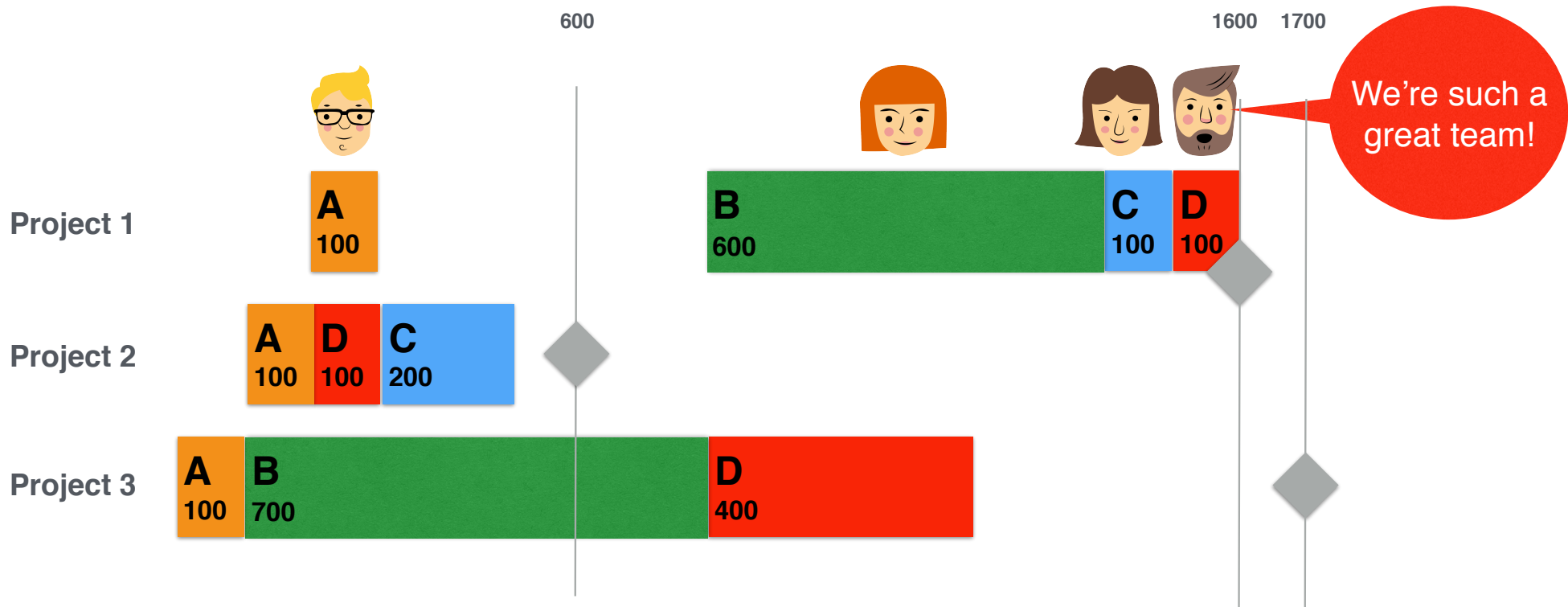
Oops, still not good enough
Lets switch 2 and 3

Which Project should resource A start working on?



Oops, still not good enough
Lets start with 3

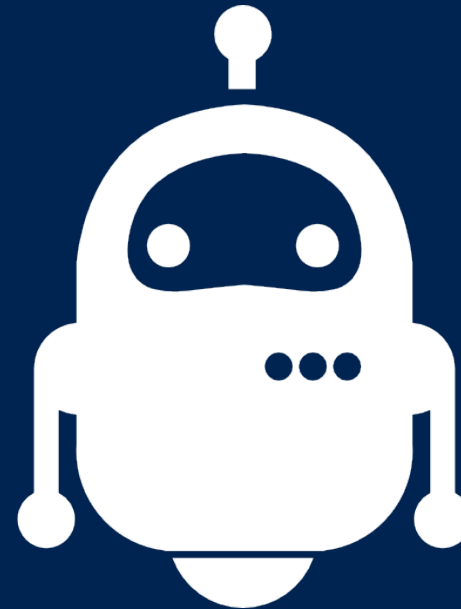
Which Project should resource A start working on?



Bingo, we are 200 till 300 hours earlier, we gained 20%!
Already time for new projects after hour 1600

That's easy, isn't it?

Number of parallel tasks	Possibilities to start with A
3	6
4	24
5	120
6	720
7	5.040
8	40.320
9	362.880
10	3.628.800



**You need
a super computer**

**How does
this work
in a scrum
environment**



Starting point



You have some great ideas for your new product. All covered in features (epic) plus their business value.

Let's start the Scrum way.

The team consist of:

2 BackEnd

2 FrontEnd

1 Designer

2 QA

Sometimes one of the Backend and one of the FrontEnd persons are needed (un)expectedly in another project or maintenance.

Let's prioritize

The features with the highest business value on top.

Let's start planning and poker on story points for the first sprint



But when is the project finished?



Sprint 1 is planned and takes 2 weeks



The remaining backlog is unplanned

But when is the project finished?



Sprint 1 only 2 finished



Sprint 2 is planned and takes 2 weeks



But when is the project finished?



Sprint 1 only 2 finished



Sprint 2 is planned and takes 2 weeks



**New features pops up and
Sprint 3 is planned and takes 2 weeks**



But when is the project finished?



Sprint 1 only 2 finished



Sprint 2 is planned and takes 2 weeks



Sprint 3 only 2 finished



Sprint 4 is planned and takes 2 weeks



What is the problem?



- As a business owner you want to know when the minimal viable product will be available
- The team is only focused on the sprint
- You have to share 2 persons with other projects (un)planned or maintenance
- Scope is not final
- Velocity is blurred because you have to share some of your team members (un)planned
- Velocity does not tell you anything anymore about the moment of availability
- So, as a business owner **you don't know** when the minimal viable product will be available

Do we agree on the problem?

The Epicflow solution



Sprint 1 planned and takes 2 weeks



Sprint 2 planned and takes 2 weeks



Sprint 3 planned and takes 2 weeks



Sprint 4 planned and takes 2 weeks

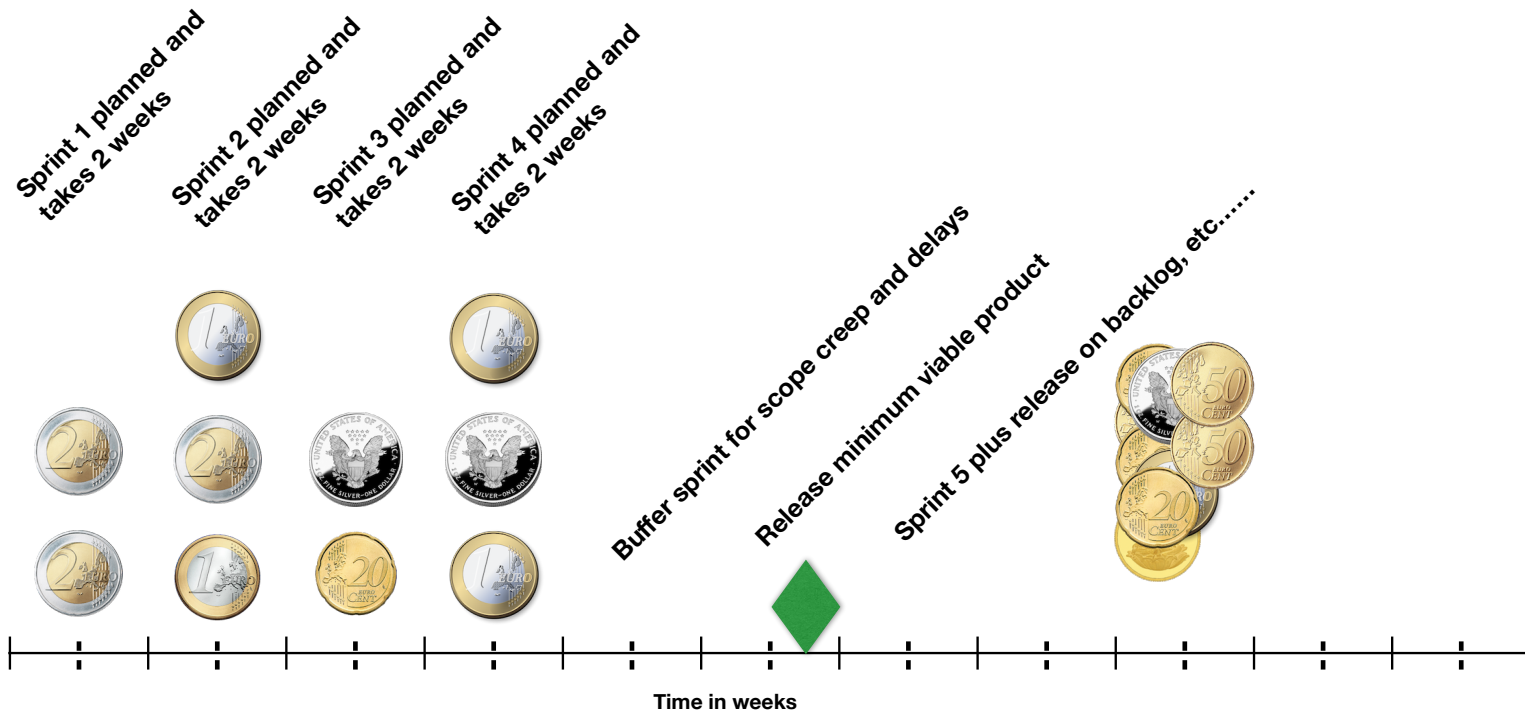


Minimum viable product is planned in story points and needed capacity



Remaining backlog is not planned

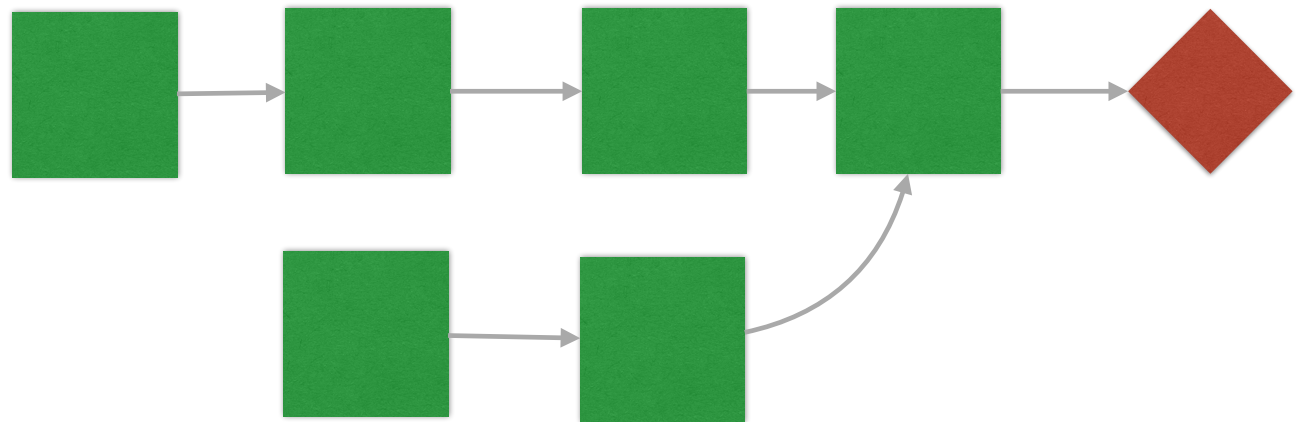
The Epicflow solution (2)



Epicflow requires minimum data



- ✓ Tasks and their dependency network
- ✓ Resource groups assigned to complete the task
- ✓ A rough work estimate of each task
- ✓ Project and milestone deadlines
- ✓ Dependencies are possible between: stories, tasks, sprints, etc.



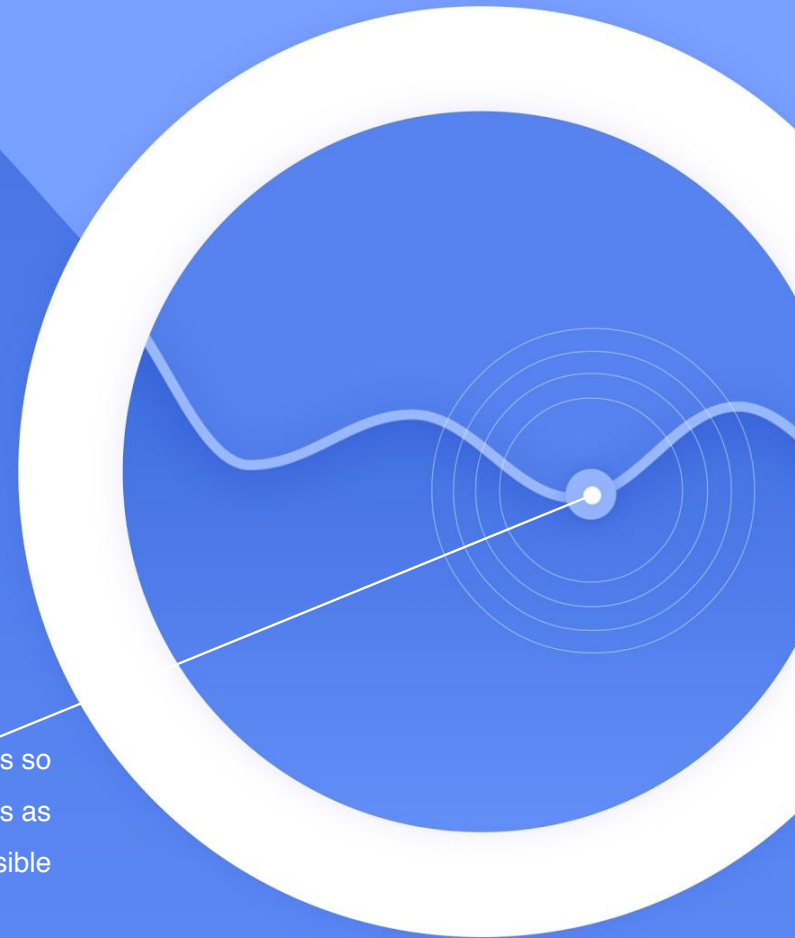


What makes Epicflow unique!

Manage in dynamically changing circumstances by:

1. Informed resource management
2. Minimum planning overhead
3. Right task priorities

Epicflow provides insights so
you can predict bottlenecks as
early as possible



What are the main management interests?



**Your
Employees**



**Project and Resource
Managers**



C-level Management

What is the most
important task to
do today?

What is my project status?

Do we have the resources
now and in the future?

Show me the overview!

Is productivity increasing?

System setup with minimum overhead



Epicflow prevents bottlenecks and ensures that projects are finished on time.



Pilz is the leading international company in safe automation, with 65 years of experience.

The Impact of Epicflow on Business Performance

With Epicflow your organization will be more flexible, your workflow will be more durable, and your time to market will be faster.

“

Epicflow has given us a significant improvement in the amount of projects we can deliver nowadays.

pilz

Jan Tournois

Director, PILZ NL

Questions ?



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