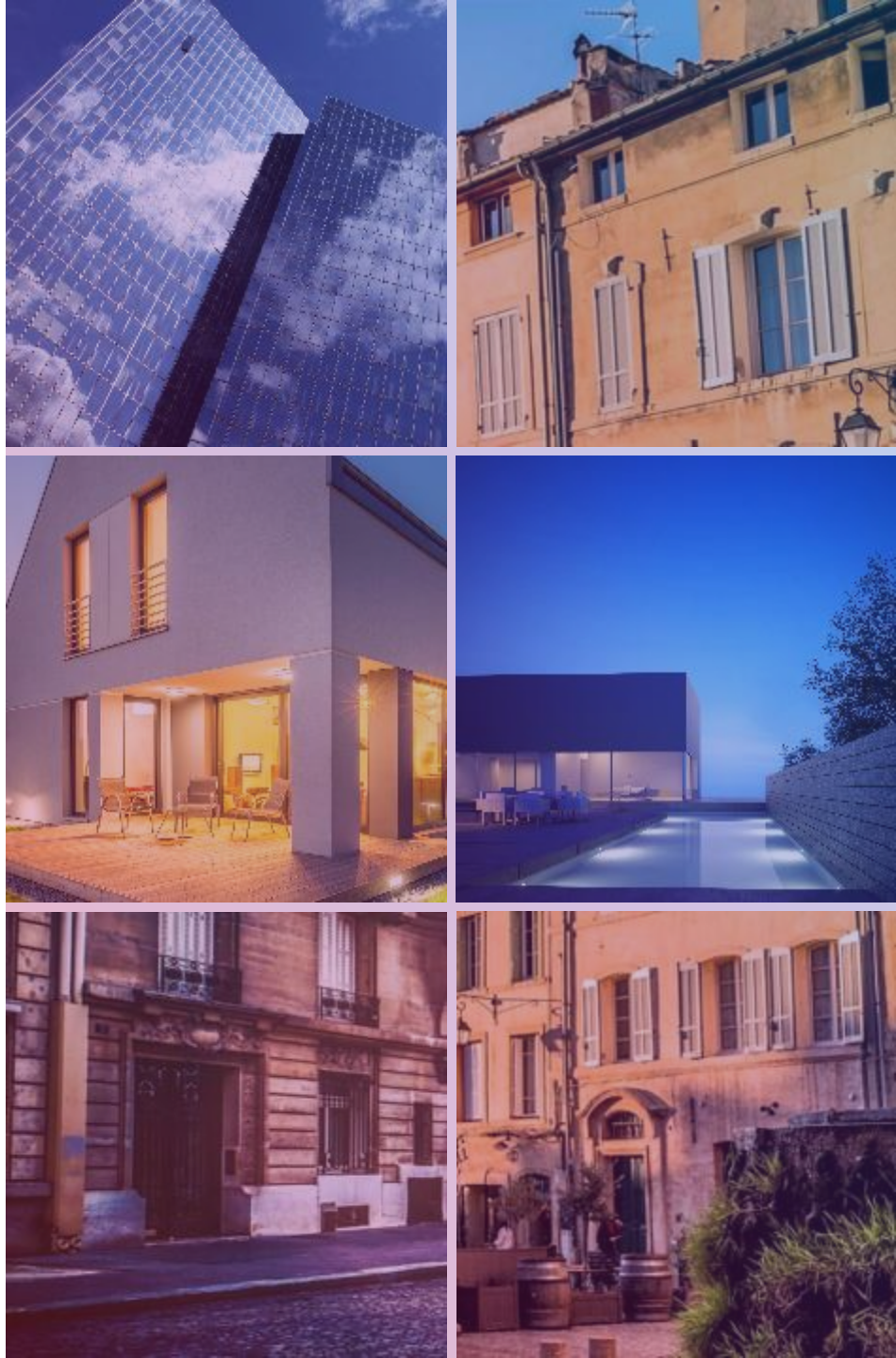
GROUPE SeLoger
we ♥ speed
Retour d’expérience sur 4 ans d’utilisation d’un outil de surveillance synthétique chez SeLoger
Antonio Gomes Rodrigues

1 SeLoger context

2 The rise and fall of our homemade tool

3 How we have chosen a new tool

4 How we use this tool



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1
SeLoger
2
3
4
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SeLoger: a lot of web sites to monitor and feature teams to help

In 2016, SeLoger creates a performance team to:

HELP TEAMS

Audit

Teach methodology

Coordinate (HTTP/2 migration…)

CHOOSE PERFORMANCE TOOLS

Synthetic Monitoring, APM, load test…

REPORT

Monthly report to board

Monthly report on TV wallboards

2

The rise and fall of our homemade tool

1 3 4

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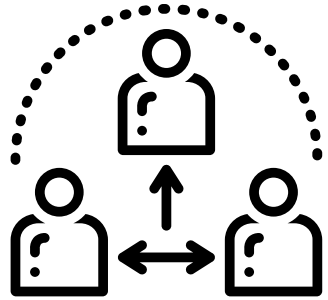
The genesis of our Synthetic Monitoring tool

Our needs

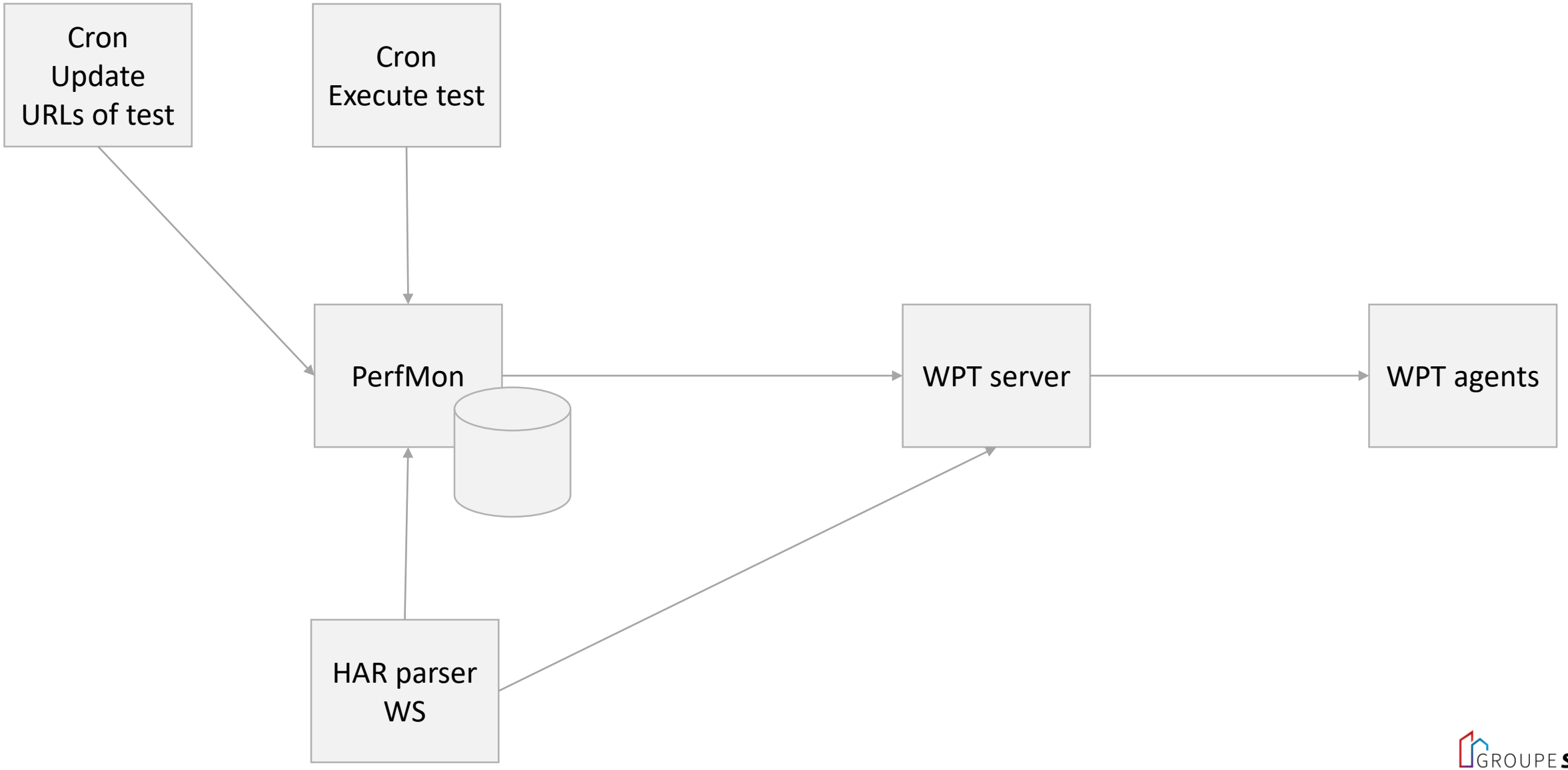
Our KPI

Keep pace with our knowledge

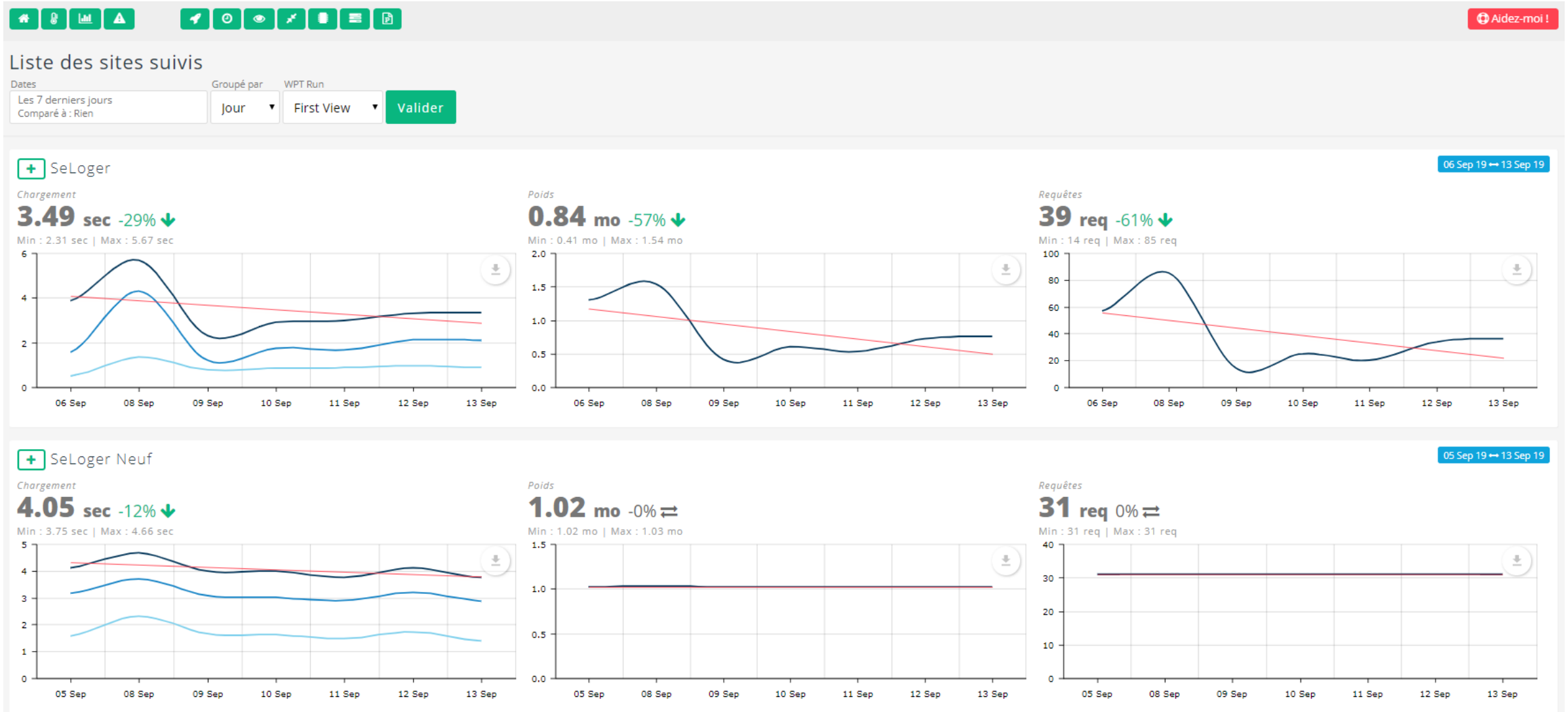


Third party aware

PerfMon, our homemade tool



PerfMon, our homemade tool



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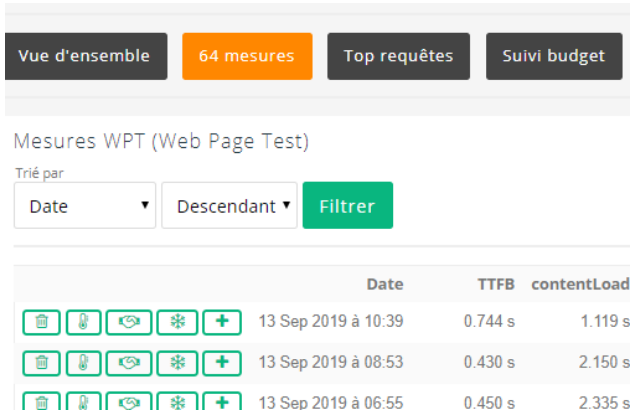
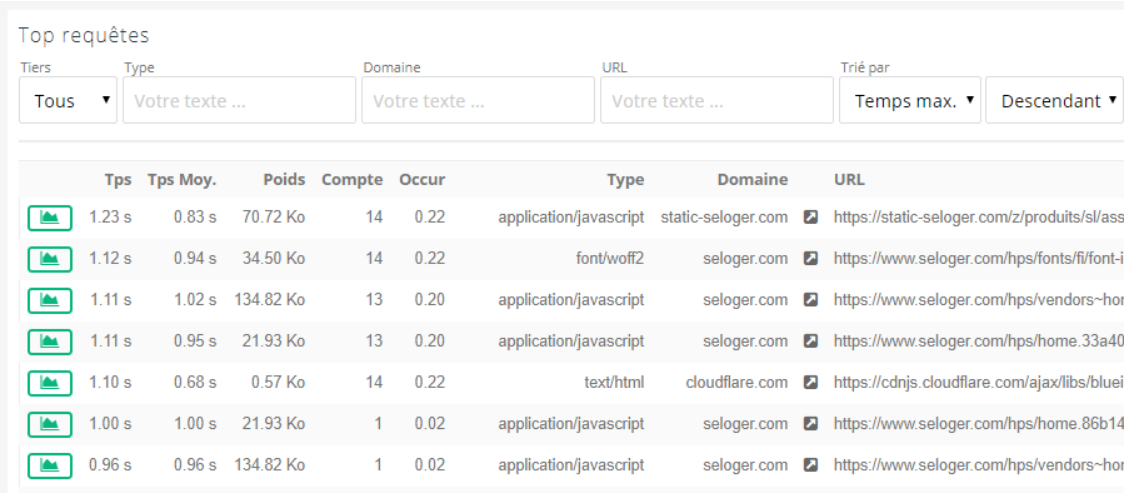
PerfMon, some features

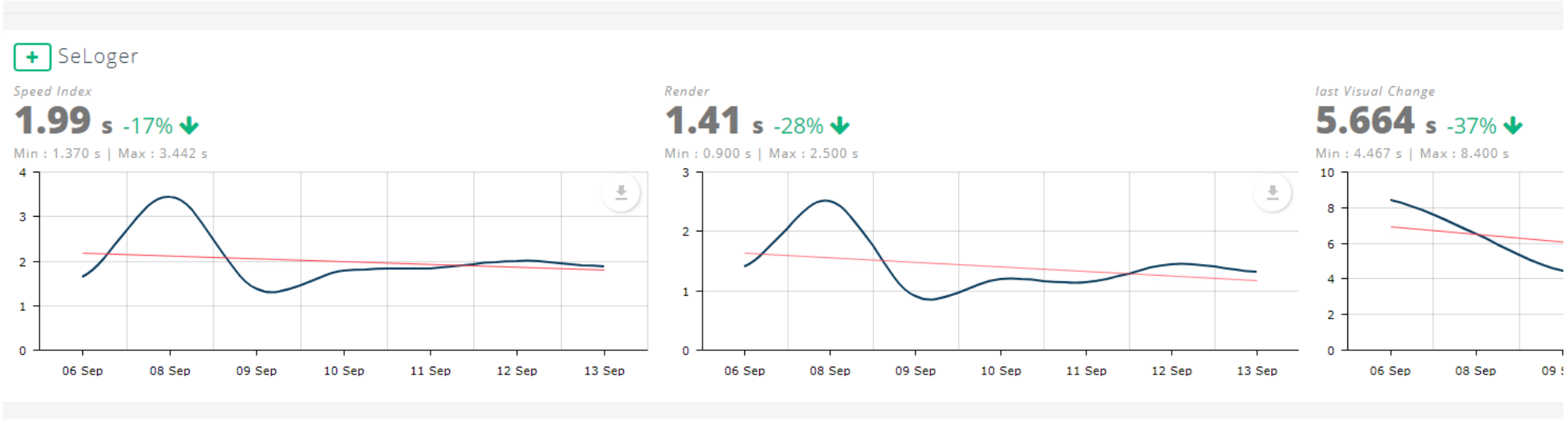
Access to WPT test



Top requests tracking



Speed Index…



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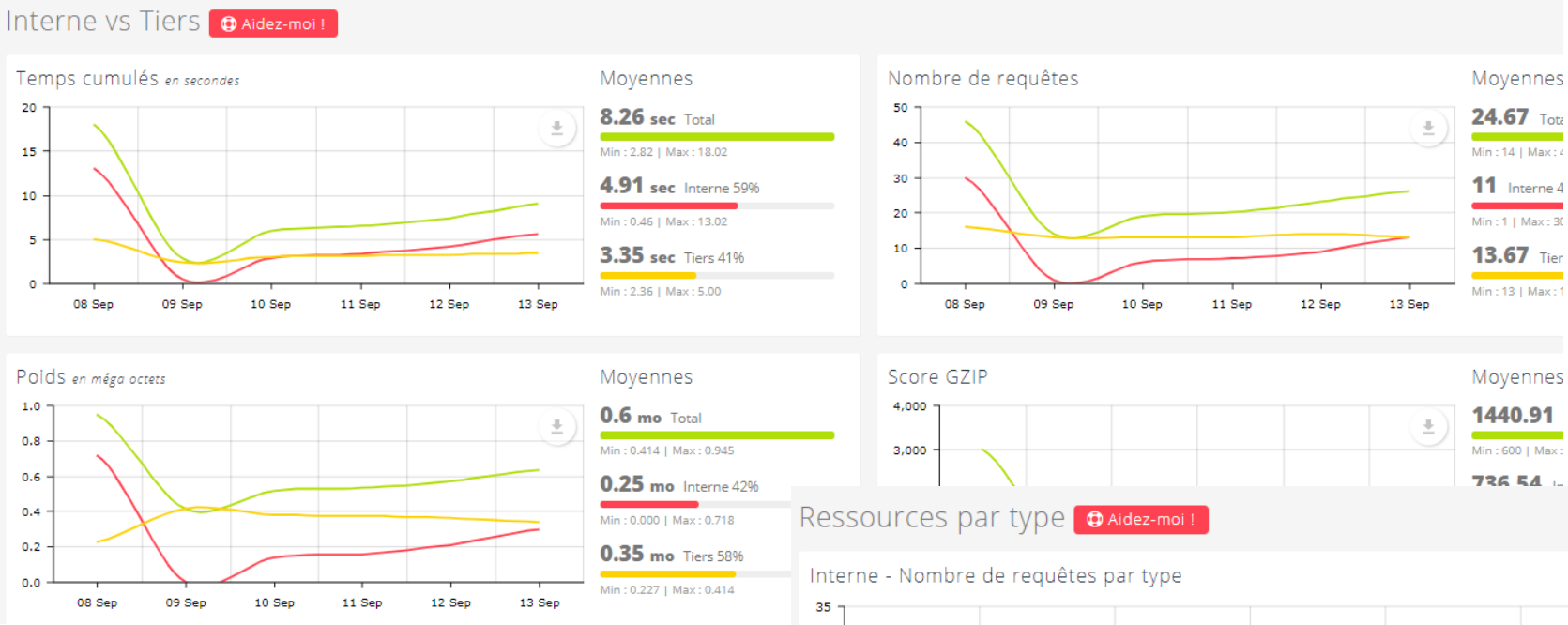
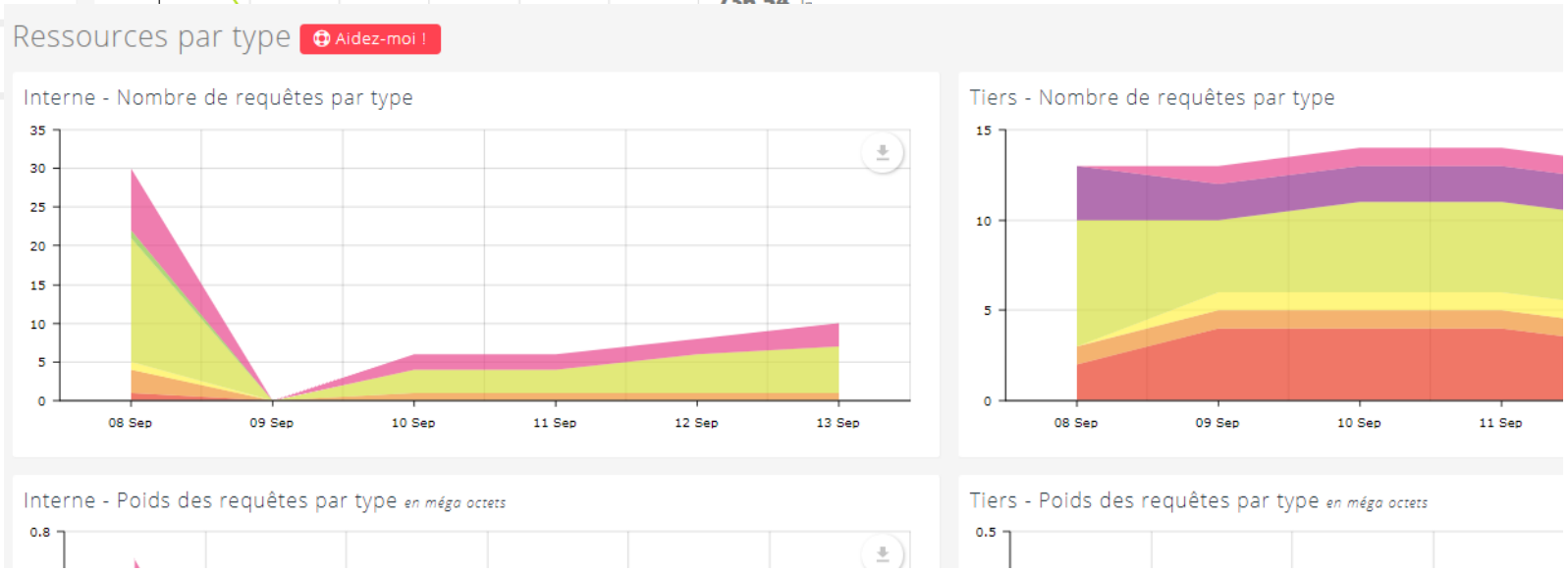
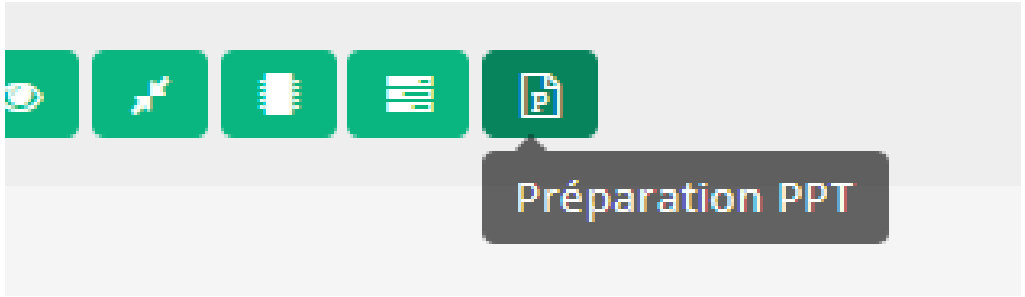
PerfMon, tracking Third Party

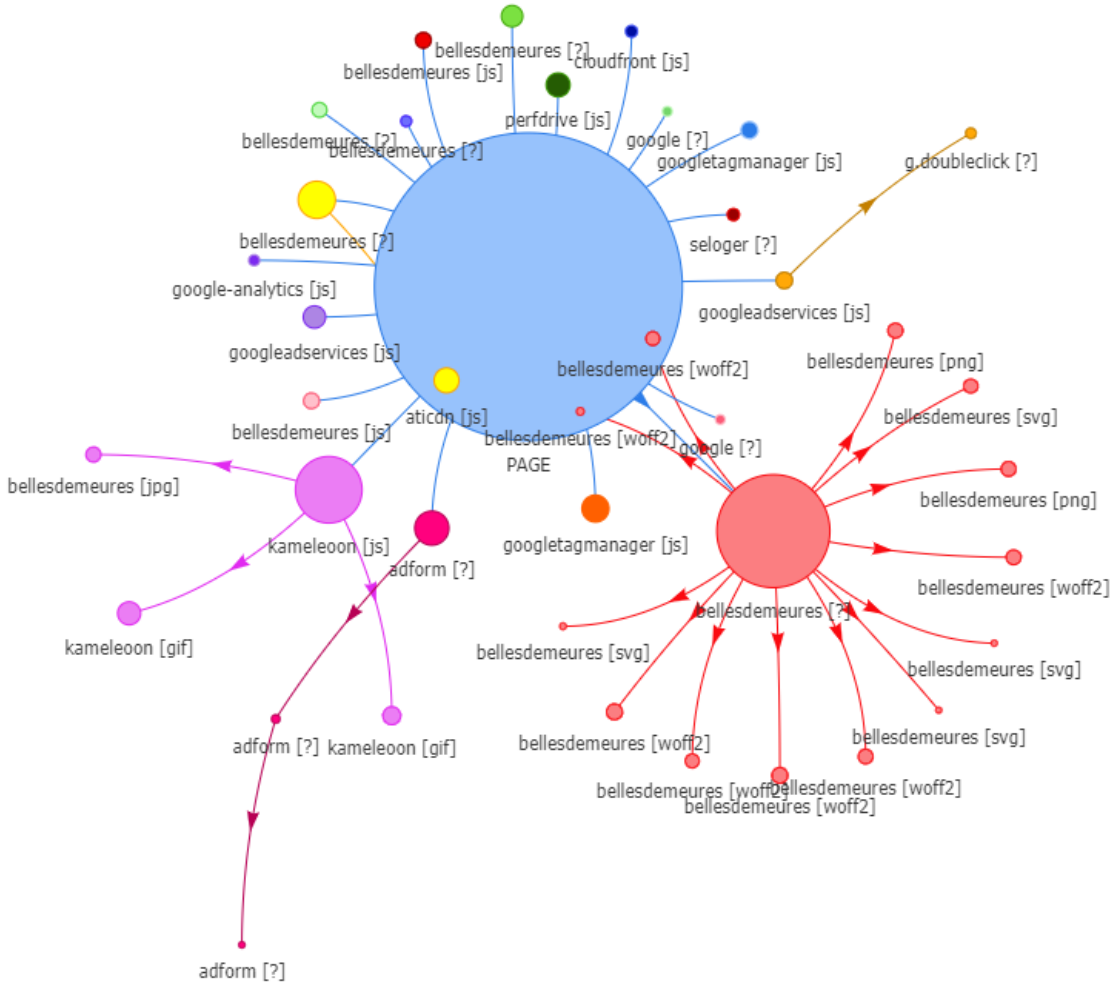




PerfMon, reporting



PerfMon, evolution



Each new needs are implemented quickly

PerfMon is AWSOME, but…

Some teams use another tool

Some teams don’t trust the results

PerfMon is a program that prints some performance numbers

Few teams use it

Need maintenance

Small team to maintain it

1
2
3
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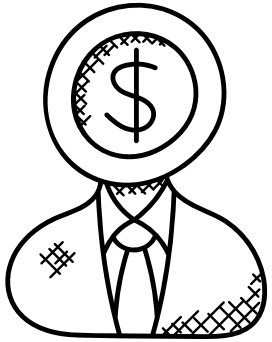
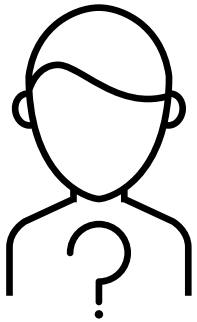
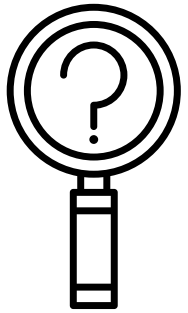
Questions to ask before starting



Who is the sponsor of the current tool?



Who uses the tool?



How is the tool used?

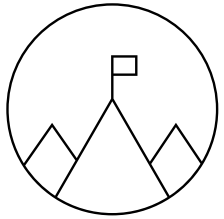
What is the budget?

Build vs Buy

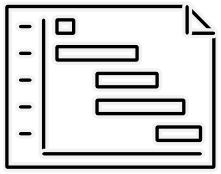
Make a POC

Involve several teams for a better adoption

Provision a budget



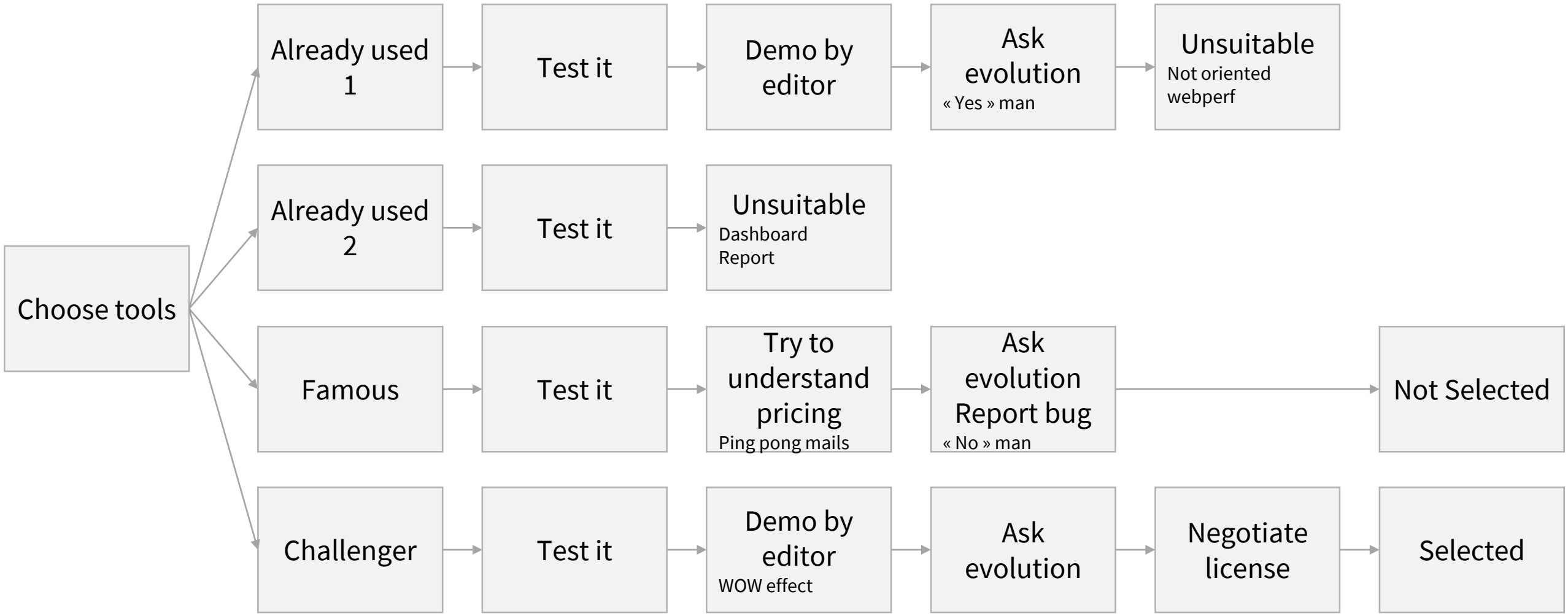
Define an objective (complete features needed)



Plan (0.5 day by week for 3 months)

	A	B
1	Requirement	Mandato
2	Alerting	yes
3	Report by mail	
4	CI/CD integration	Yes
5	WebPerf metrics: SpeedIndex	Yes
6	WebPerf metrics: DOMContentLoaded	Yes
7	WebPerf metrics: Time To Interactive (TTI)	Yes
8	WebPerf metrics: Fully Loaded	Yes
9	WebPerf metrics: TTFB	Yes
10	WebPerf metrics: Total Page Size	Yes
11	WebPerf metrics: Total # of Requests	Yes
12	WebPerf metrics: Performance score	Yes
13	Test with and without cache	Yes
14	Waterfall	Yes

The processes of selection



Some tips

Demo from editors are useful

Forward the needs to editors

Have a sponsor

Show the tool in action

"You are the first customer to ask us for this feature" = Warning

knowledge of market tools is important to choose tools

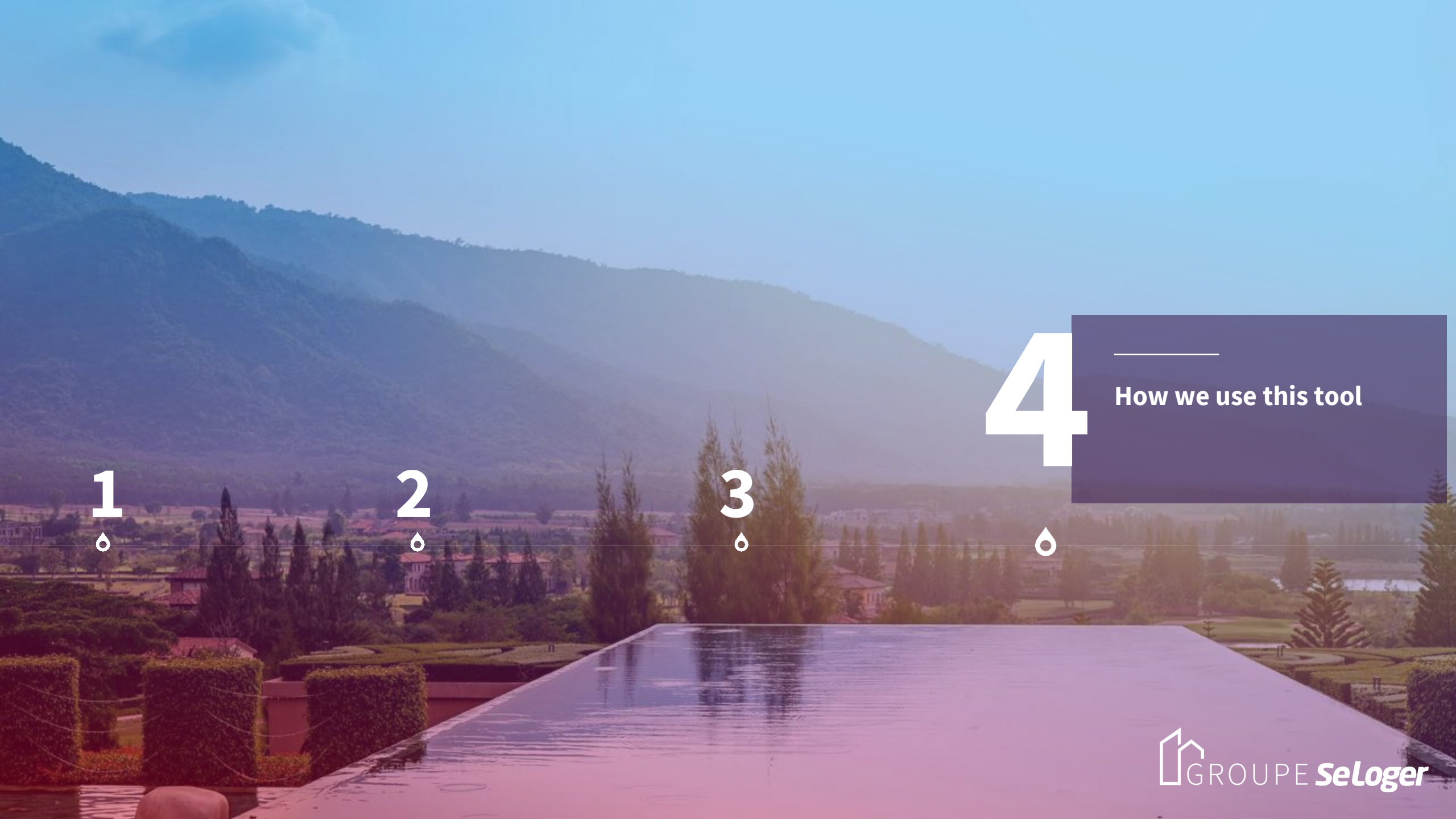
Try to have the editor’s roadmap

"We will add this feature to our backlog" = Warning

Prove the accuracy of the tools (ask help to the editor if needed)

Communicate with editors to adapt the license

Make the tool available and visible



How we use this tool

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Today

Watch my page

Developers use it

Performance culture improved

Reporting is made with it

Anybody (Dev, PO…) can use it

We have migrated to percentile and Speed Index