

How to win a solar race using agile

building the right things, with the right people, faster and with more fun.



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HOW DID IT START?



Forze and the dream hall



WHY START WITH AGILE?





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Cooperate





HOW DID WE
APPROACH IT



Training





Get to baseline



Push

Samwerking

Wij gaan verder in het proces, als we het kunnen



visualize the work



implement cadans



experiment



feedback as a team

WHAT ARE THE RESULTS





Challenger Class Outright Results

Sunday 25th October 2015
 Issued at 1036 Friday 6th November



Position	Car	Team	Class	Country	Total Elapsed Time (Event Time)			Avg Speed km/h <small>Based on End of string time</small>	Solar KM <small>Actual event distance covered under solar power</small>
					HH	MM	SS		
1	3	Nuon Solar Team	Challenger	Netherlands	37	56	12	91.75	0
2	21	Solar Team Twente	Challenger	Netherlands	38	4	32	91.63	0
3	10	Tokai University	Challenger	Japan	38	50	7	89.41	0
4	2	University of Michigan Solar Car Team	Challenger	USA	38	54	9	89.28	0
5	8	Punch Powertrain Solar Team	Challenger	Belgium	39	19	0	88.10	0
6	16	Stanford Solar Car Project	Challenger	USA	41	23	59	83.14	0
7	23	GAMF Hungary	Challenger	Hungary	43	4	0	79.70	0
8	30	Clenergy TeamArrow	Challenger	Australia	45	22	0	76.71	0
9	5	EAFIT-EPM Solar Car Team	Challenger	Colombia	46	19	0	73.29	0
10	13	Western Sydney University Solar Car Project	Challenger	Australia	46	51	0	72.21	0
11	17	NWU Solar	Challenger	South Africa	47	22	0	71.70	0
12	77	Tritons	Challenger	Canada	47	39	30	70.91	0

They won.... By 8 minutes



14-10-2015 / GUEST BLOG: PREPARING FOR THE CHALLENGE



The value system > Minutes



The team mantra system

DIFFERENCES WITH IT





its a car

WHAT I LEARNED

And what could we take back to our organization >

Lessons learned 1-2

- Having a goal is key
- The 1 value system is the most valuable
- Individual vs team targets

Lessons learned 2-2

- Engineers are very calculating people
- Simple group coaching is already very helpful
- Visualization is everything
- Not every team is scrumable

Q&A

What would you like me to elaborate on some more?



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Questions? Let me know!