

Measuring the impacts of OR projects – challenges and experiences

First workshop of the EURO Working Group on Practice of O.R.

15-16 February 2018, Paris-Saclay

Keynote speakers:

Laurent Perron, OR Technical Lead, Google
Pieter-Jan Fioole, Netherlands Railways,
INFORMS Franz Edelman Award Recipient



Registration free

Thanks to the generous support of
Air Liquide
Electricité de France (EdF)
Optit ORTEC PGMO Renault

“The wise man learns from his own mistakes, the wiser man learns from the mistakes of others” (*Thierry Benoist, LocalSolver, after others*)

Get insights and ideas from talks from experienced practitioners from Renault, Air Liquide, ORTEC, GORS and many more. Engage in working sessions on making, measuring, improving success and impact. Build your network of contacts with like-minded people. Inspire and inform your practice.

If you are an O.R. and analytics practitioners, from industry, Government and beyond, don't miss this!

Deadline for registration: 7 February 2018, 17.30 CET. To register, please go to:

https://www.eventbrite.co.uk/e/measuring-the-impacts-of-or-projects-challenges-and-experiences-tickets-41424922057?utm_term=eventname_text

Provisional timetable overleaf; updates available via the EURO Working Group on Practice of OR

<https://www.euro-online.org/websites/or-in-practice> or LinkedIn group <https://www.linkedin.com/groups/8605101>

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Practical application of Operations Research to real-life cases is normally aimed at “optimising” some aspects of the process under study, and measuring and communicating the impacts of the project is key to project’s success (and indeed the whole value proposition). Sharing experiences, best practices and potential risks across a panel of OR practitioners presents a great opportunity to ensure adequate visibility to the value OR generates.

Timetable

Thursday 15th February 2018

- 13:00 – Welcome coffee and registration
- 14:00 – Opening (Ruth Kaufman, Coordinator of EWG-POR)
- 14:20 – Introductory presentation: EDF & PGM
- 15:00 – First six of ten practitioner presentations from organisations including Jeppesen, ORTEC, Renault, BT, Air Liquide, Government OR Service: examples of successful and less successful experiences, and lessons learned
- 16:30 – Coffee break
- 17:00 – Keynote speaker: Pieter-Jan Fioole, Netherlands Railways and INFORMS Franz Edelman Award recipient
- 18:00 – Final four practitioner presentations
- 19:00 – closing of day 1
- 19:30 – Social dinner

Friday 16th February 2018

- 8:30 – Registration with coffee and pastries
- 9:00 – Short recap of day 1, opening of day 2
- 9:15 – Keynote speaker: Laurent Perron, head of OR, Google
- 10:00 – Panel with audience questions and answers: Laurent Perron + others to be announced
- 11:00 – coffee break
- 11:30 Parallel working sessions: How to measure impact and success of projects and groups, improve effectiveness and overcome barriers to effectiveness
- 13:00 – Lunch
- 14:00 – Come back together, for group sharing of key findings
- 15:00 – Closing remarks
- 15:30 – End of event

For further information, please contact Jean André (jean.andre@airliquide.com) or Matteo Pozzi (matteo.pozzi@optit.net).

Full list of talks, abstracts and working sessions is (or will shortly) be available on <https://www.euro-online.org/websites/or-in-practice>

Venue details, information about hotels:

https://www.fondation-hadamard.fr/sites/default/files/public/bibliotheque/how_to_come_to_edf_lab_paris_saclay-2.pdf

Day 1: short presentations

Harder than it looks: how do we really measure project benefits *Pim van 't Hof, ORTEC, Netherlands*

Learning from errors: analysis of a painstaking OR project at Bouygue *Thierry Benoist, LocalSolver, France*

Leveraging OR Techniques for Smarter Field Operations *Anne Liret, BT, France/UK*

Influencing government: assessing the success of OR in the UK Government *Howard Turner, Government Operational Research Service, UK*

OR and Society: how systems thinking is improving child protection *David C. Lane, Henley Business School, UK*

Will it fly? Measuring OR impact in the airline industry *Björn Thalén, Per Sjögren, Jeppesen (a Boeing Company), Sweden*

Truck and container loading for RENAULT logistics platforms *Alain Nguyen, Renault, France*

The Future of Industrial Optimization *Dr. Olli Bräysy, Weoptit, Finland*

Beyond the bottom line: successes (and failures) in producing a full valorization of impacts *Matteo Pozzi, Optit, Italy*

OR and Analytics @ Air Liquide *Jean André, Air Liquide, France*

Day 2: parallel session topics

- 1. Project impact: how can we evolve towards structured, integrated evaluation models for individual projects**
- 2. Building the OR project life-cycle: What are the stages of an OR project? What are the critical success factors and measures at each stage?**
- 3. Improving impact and effectiveness: What can individuals or groups do to make it more likely that their projects will have positive impact?**
- 4. OR and machine learning: how machine learning can help with better benchmarking, and better Operations Research**
- 5. Software engineering and OR: factors for success**