Optimization in Logistics for Growth

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"MOBILITY FOR GROWTH",
Safe, integrated and resilient transport systems

Background of the team

- We are a team of about 10 researchers in Combinatorial Optimization, Mathematical Programming, and Operational Research

- We have published more than 100 articles in journals like "Transportation Science", "Transportation Research", "Computers & Operations Research", etc. www.goma.ull.es

- **Universidad de La Laguna** (Tenerife) was created in 1701 and currently has around 23.000 students

Our experience in Logistics

- We have investigated vehicle routing problems including time windows, pickup and deliveries, durating constraints, speed optimization, variable capacities, stochastic demands, etc.

- We have collaborated with other teams in Spain, Canada and Italy, and published articles with new models and new (exact and heuristic) algorithms.

- We are authors of chapters in several textbooks.
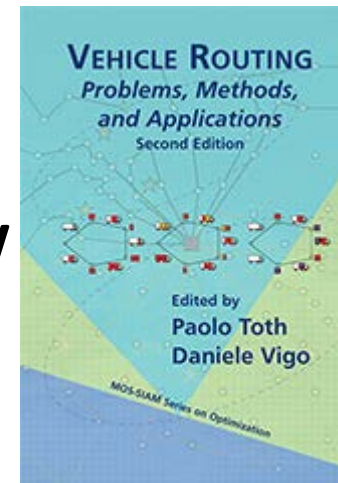
Our contribution in the new call

We have long experience in Logistics, with strong research results on Vehicle Routing and Schedulling.

We can contribute to

    * MG-2-8-2019: Innovative application of drones
For ensuring safety in transport

    * MG-2-9-2019: Integrated multimodal,
low-emission freight transport systems and logistics

Conclusion

- We have experience in modelling and solving complex problems in logistics, optimizing limited resources.

- We have experience working in international research projects with partners, PhD students, delivering computer codes (software), statistical analysis, and publishing articles in top-level scientific journals.

- We are looking for project proposals where we could contribute with our experience in the topic "MOBILITY FOR GROWTH: Safe, integrated and resilient transport systems"

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