Can your airport cope with the predicted capacity demand?

Capacity at airports is seen as the primary limiting factor for overall ATM system capacity. According to SESAR, integrated airport operations and a growing level of co-ordination between the aerodrome community, ANSPs and airspace users, will help to better match capacity and demand and improve efficiency. NLR is specialised in defining and validating new concepts and procedures for airport airside operations that aim at fully exploiting airport capacity while maintaining the necessary safety levels, increasing punctuality, reducing cost and limiting the environmental impact in a multi-stakeholder approach. In addition, NLR can prototype and validate new tools required to realise the benefits.
NLR is in a position to offer its services for consultancy and expertise in Airport Airside Operations for the complete concept development and validation cycle from prototyping and feasibility testing to full-blown hardware and human-in-the-loop performance validation exercises. The results are custom-made validated procedures, system requirements and operational concepts that will provide our customers with the expected operational benefits.

NLR EXPERIENCE AND EXPERTISE
NLR applied its research capabilities not only for Dutch customers (LVNL, Schiphol) but also for the European Commission, Eurocontrol and European Airports like Luxemburg and Malpensa.