### nPlan white paper cheat sheet



## From QSRA to AI-SRA (AI-led Schedule Risk Analysis)

1. There's a perma-crisis in large-scale project delivery



6 out of every 7

large-scale construction projects are **delivered late** 



The average project takes

43% longer than planned

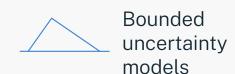


1 in 10

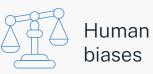
delayed projects are completed more than **365 days later than planned** 

It's time to ask whether the methods project teams use to identify and control risk are fit for purpose-starting with QSRA

#### 2. QSRA has a number of fatal flaws







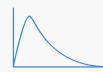


Each one of these has the potential to dramatically reduce the effectiveness of traditional QSRA-but taken together their impact compounds, leading to project failure

#### 3. QSRA does have two key benefits



Brings project stakeholders together to discuss delivery risks



Encourages probabilistic thinking

Thanks to advances in AI technology we can retain the benefits of the traditional QSRA process and fix its flaws

# 4. AI-SRA brings together human and machine (learning) to enable proactive risk management



Uncertainty calculated by an AI trained on thousands of past projects



Limited resources spent on risk mitigation rather than identification



Human biases removed and challenged



Construction schedules with full activity detail

Project controls professionals spend their time actively mitigating risk and bringing about the future they want for their project rather than retroactively reporting on failure and/or adjusting contingencies

Interested in gaining a deeper understanding of AI-SRA and how it can improve the effectiveness of your project teams today?

Visit **nplan.io/from-gsra-to-ai-sra** to download our whitepaper