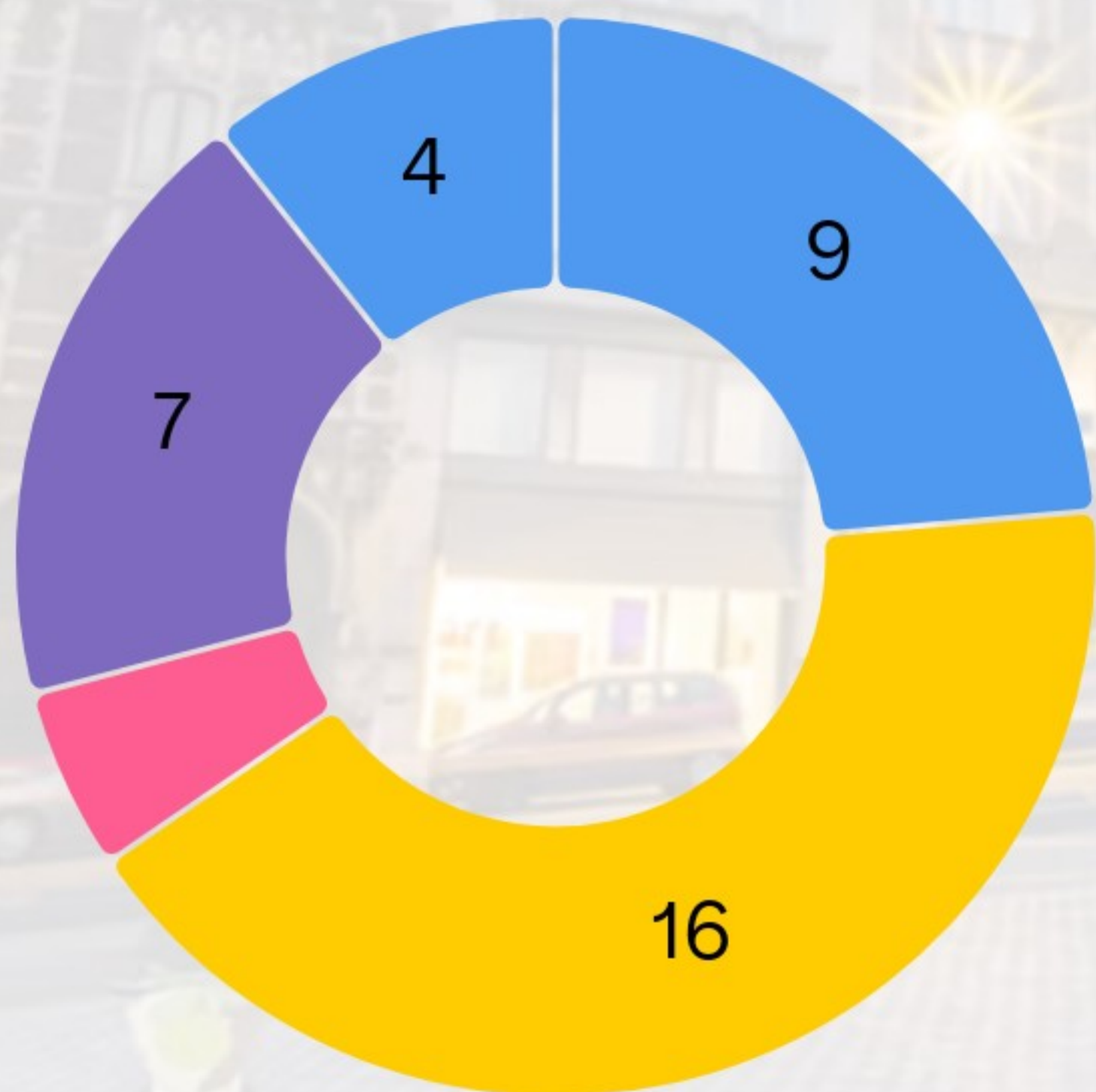


Challenges Regulating and Mitigating Insider Threats for Advanced and Small Modular Reactors

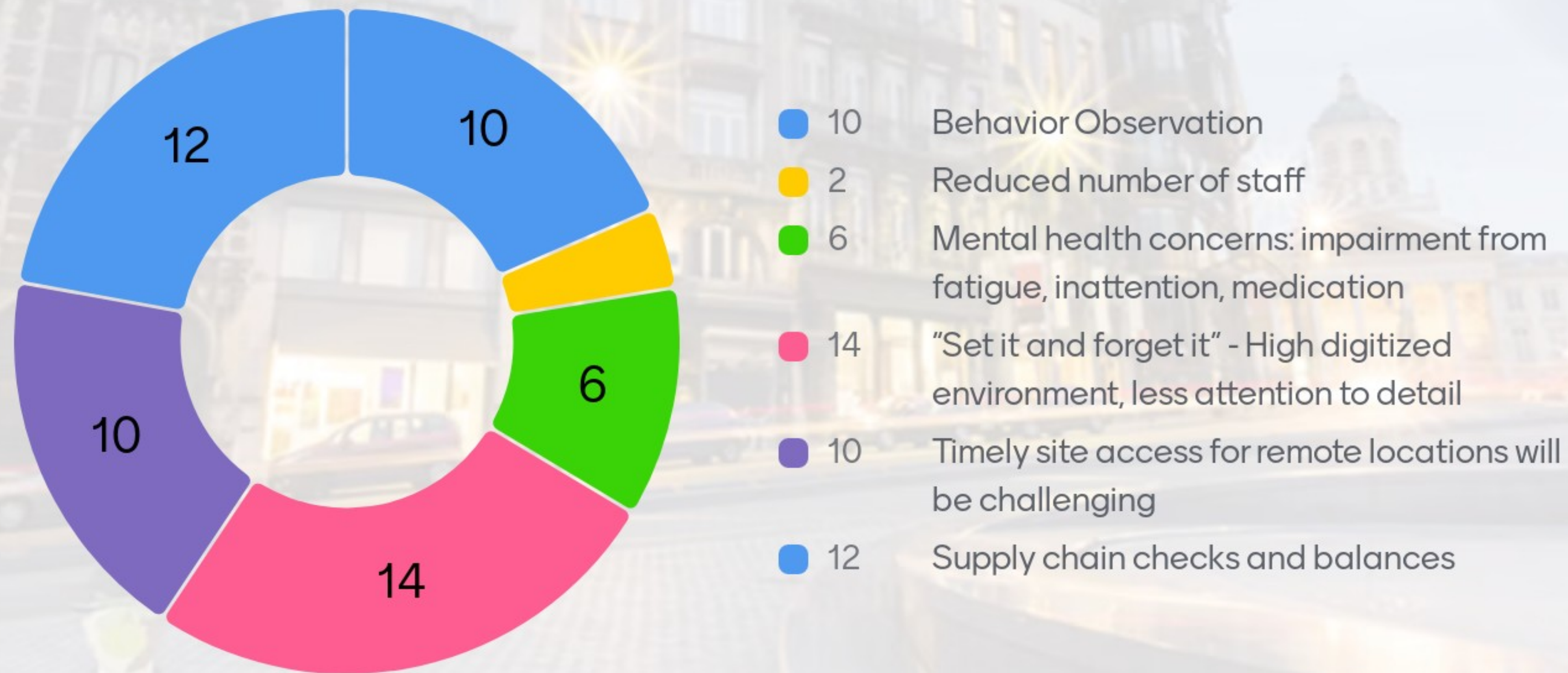
2024 International Symposium on Insider Threat Mitigation
6 March 2024, Brussels, Belgium

What do you see as the top 2 challenges for insider threat mitigation regulations for advanced or small modular reactors?



- 9 Developing and implementing new regulations takes time
- 16 The market for A/SMRs is moving faster than regulatory efforts
- 0 Current laws on privacy
- 2 "Greying" of expertise to develop new regulations
- 7 No one has built an advanced or small modular reactor
- 4 The supply chain processes for A/SMRs is different than the current fleet of NPPs

For designs that include remote reactor operation, what are your top 3 risks and vulnerabilities for insider threat mitigation?



What are your top 3 concerns regarding insider threat mitigation and the workforce for advanced reactors and SMRs that need to be addressed today?



Perceived safety culture and cultural expectations: lower risk = lower consequences



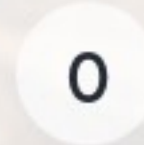
Effective implementation of new nuclear operations where none existed before



Scarce talent and skills to construct and operate advanced reactors and SMRs



Hiring and vetting foreign nationals



Technology replacing human intuition and judgement



"SMRs as a Service" – complete "turnkey" system with remote operation