

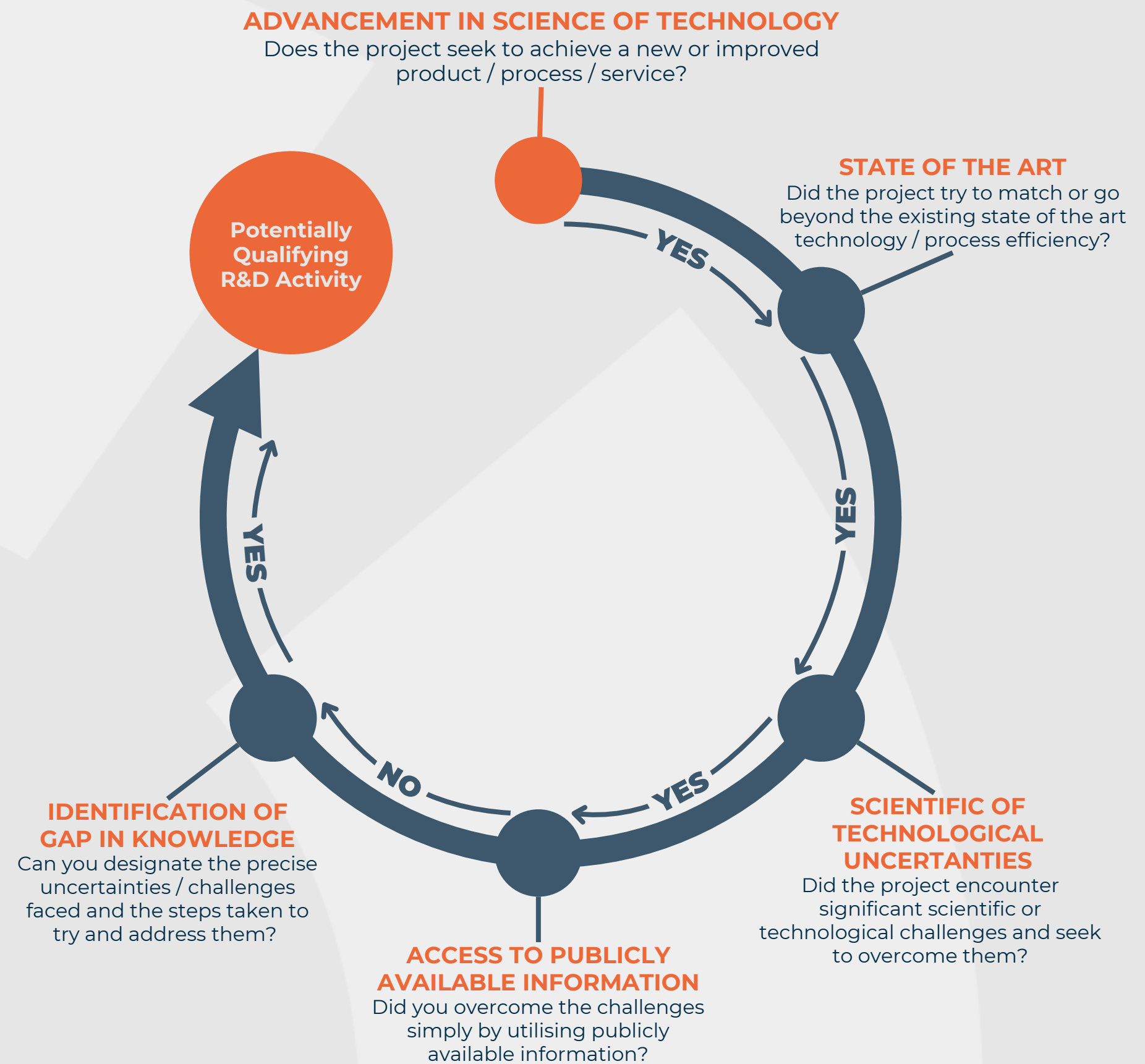
ALFED RESOURCES

R&D IN METALS MANUFACTURING



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POSSIBLE AREAS OF R&D ACTIVITIES IN METALS MANUFACTURING:

- **Design and development of metalworking machinery** with improved functionality, such as enhanced forming, cutting, or joining capabilities.
- **Reducing waste** through innovations in metal processing equipment or refining manufacturing processes.
- **Integrating advanced manufacturing techniques**, including automation and robotics, into complex metal fabrication.
- **Creating bespoke tools** and dies for metal forming, extrusion, casting, or machining.
- **Developing precision machinery** or processes for new metal alloys or materials.
- **Minimizing environmental impact** through alternative processes or sustainable materials.
- **Scaling up production** or improving precision using advanced machinery and technology.



LIKELY NON-QUALIFYING AREAS

- Routine development work that only required small optimisations to existing processes;
- Projects where the technical uncertainties were resolved via the implementation of **readily deducible / publicly available solutions**;
- Buying and installing off-the-shelf equipment to improve processes

