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Robotic Process Automation in Official Statistics

project proposal

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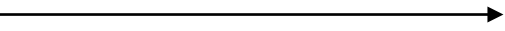
RPA in a nutshell



Source: YouTube: https://www.youtube.com/watch?v=q-s-XXM2T_I.


Official statistics is ready for RPA

Challenges we face



What we really need

- Pressure to speed things up
- Need for fast ROI from innovation/modernisation
- Pressure to increase transparency
- The volume of manual work
- Complex architectures: many IT systems, tools, services

- Compliance with HLG vision 
- Free up resources
- Automate processes
- Modernise
- Save money
- Maintain/improve quality
- Internal transparency
- External transparency
- Compatibility with our existing infrastructure



What can we do together?

PROJECT LAUNCH

WP1: Review of current RPA practices and tools

PHASE 1

WP2: Business case / identifying processes with good RPA potential

WP3: Define and undertake common pilots using RPA

PHASE 2

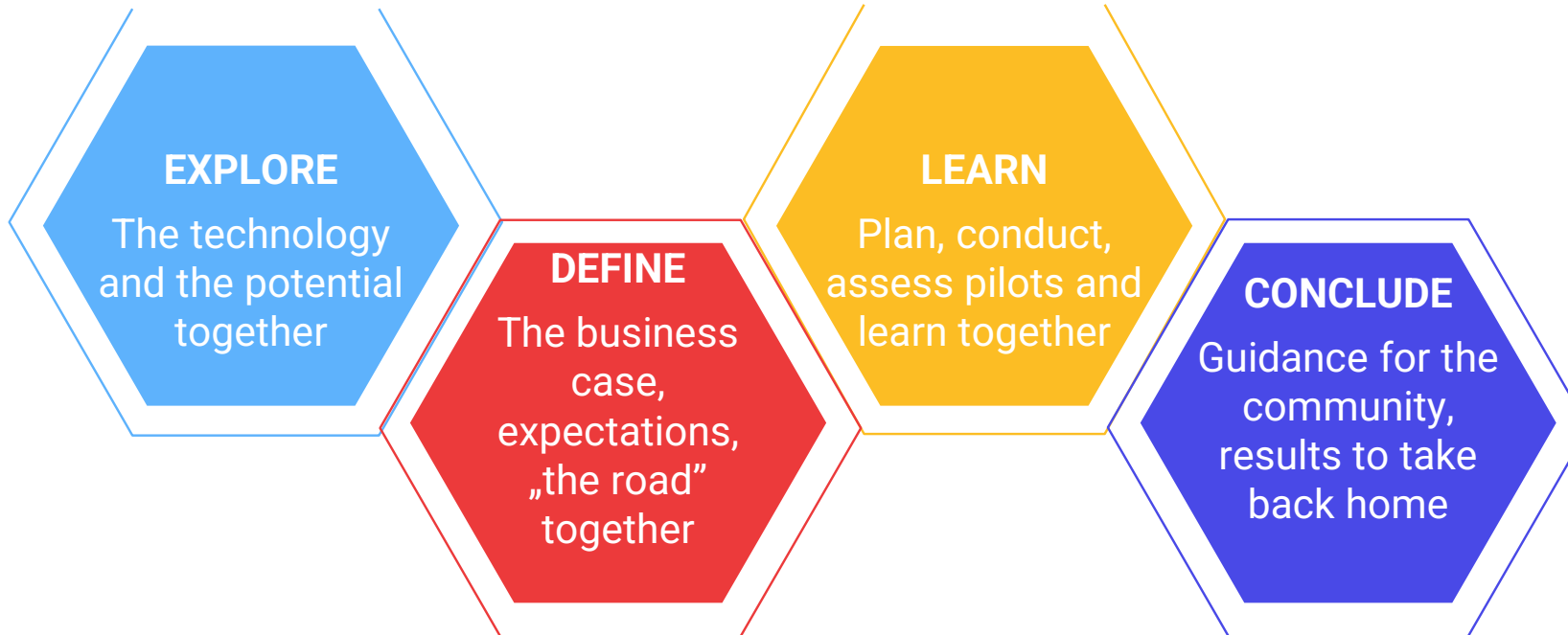
WP4: Assessment of RPA solutions

WP5: Recommendations for using RPA solutions in official statistics

WP6: Visibility and communication

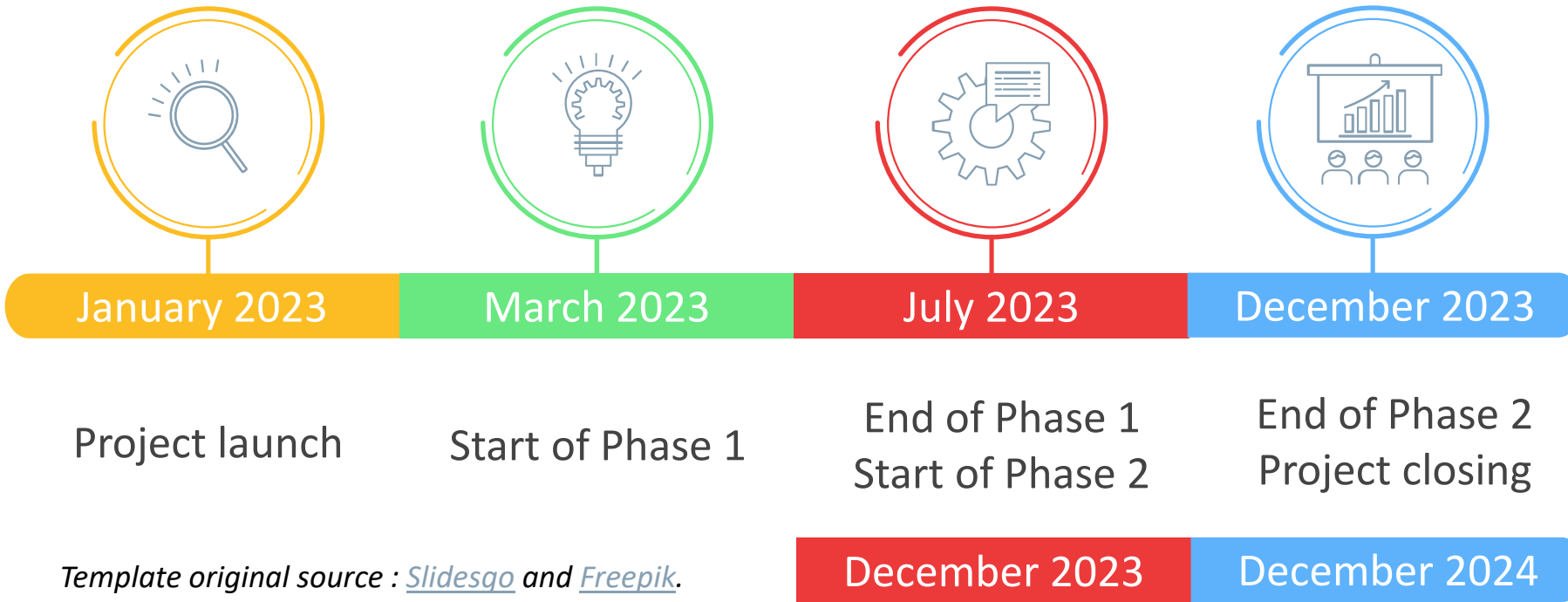
PROJECT CLOSING

WP7: Project management, reporting



Template original source: [Slidesgo](#) and [Freepik](#).

Project timeline (1 year)



Template original source : [Slidesgo](#) and [Freepik](#).

or 2 years...

Project launch

- Common understanding, project planning

Phase 1

- Review
- Identify good candidate processes
- Common first pilots

Phase 2

- Assessment of results
- Producing recommendations
- Communication material

Project closing

- Reporting
- Final assessment



Project results



Knowledge and pilots done together to better understand the use of RPA



Common guidance for the official statistical community on how to use RPA



Practical working solution for automation



Ideas on common processes present in NSOs: recommendations where to implement RPA in our NSOs



Communication tools on how to explain this to our different stakeholders

Countries / organisations already committed to this project proposal:

- Statistics Canada
- Hungarian Central Statistical Office

Thank you!

Comments, questions, suggestions?

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