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CHALLENGES IN OPTIMIZING THE USE OF DATA STANDARDS

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DATA STANDARDS



Need for
Data
Standards

What are
Data
Standards?

How have
they been
used?

OPTIMIZED USAGE

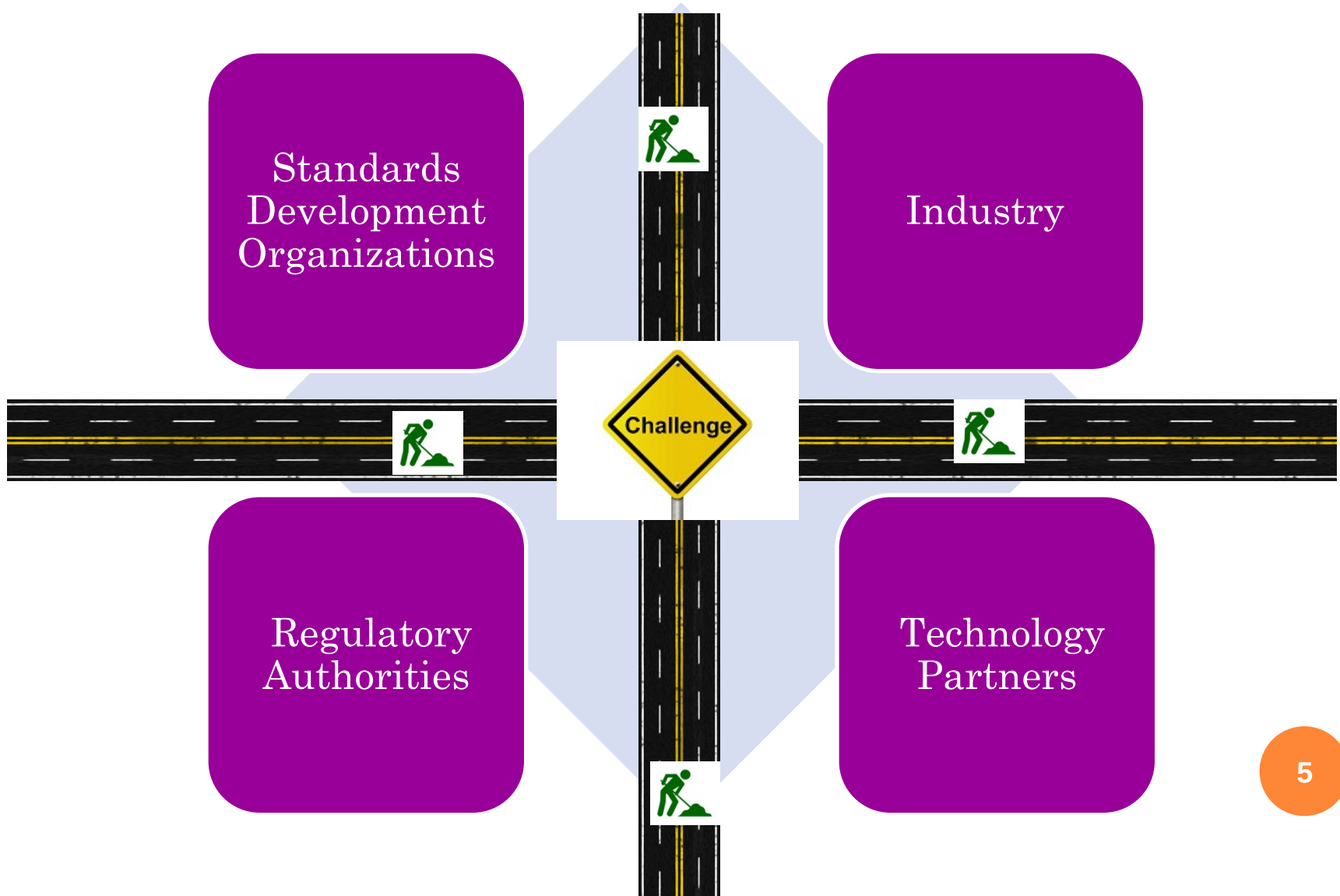
Data
Standards

Challenges

Optimized
Usage



CHALLENGES FACED BY EACH STAKEHOLDER



CHALLENGES FACED BY SDOs



Platform-independent
data standards



Information system
Interoperability

Inefficient data
standards

Untrained
stakeholders

Lack of multi
dimensional data
standards

Challenges in
obtaining consensus

CHALLENGES FACED BY INDUSTRY



Reluctance in
implementation of
CDASH, CDISC SHARE
etc.

Diversity of functions
and data repositories

Challenges in
governance

Slow adaptation of
technology

CHALLENGES FACED BY REGULATORY AUTHORITIES



Scarcity of Trained reviewers

Gaps in Collaboration: guidance to other stakeholders

Lack of an optimized computational environment

Challenges in implementing CDISC standards as every company's baseline

CHALLENGES FACED BY TECHNOLOGY PARTNERS



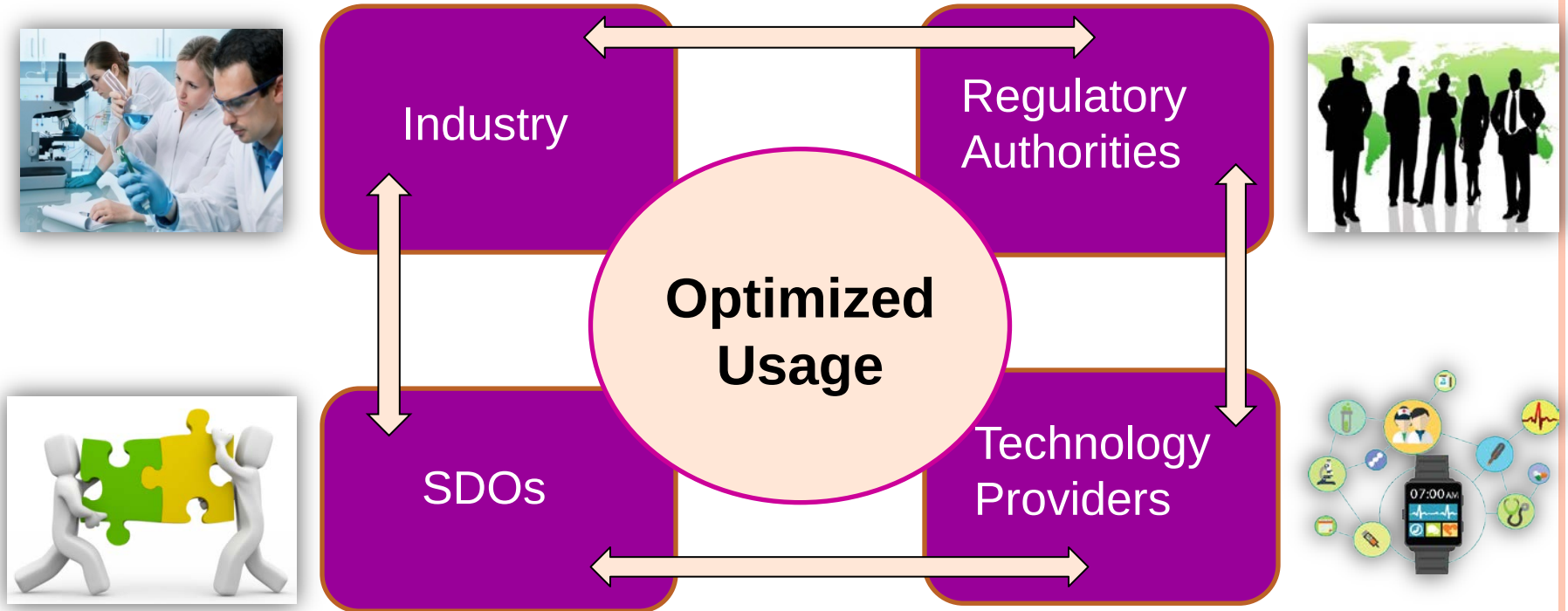
Slow development of
cost effective tools

Lack of robust systems

Training to other
stakeholders

Challenge of achieving
seamless
interoperability

CONCLUSION



REFERENCES

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- CDISC Data Standards – <http://www.cdisc.org>
- HL7 Data Standards – <http://www.hl7.org>
- FDA - <http://www.fda.gov/>

Thank You!



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