

ICAO TRIP

REGIONAL SYMPOSIUM

BUILDING **FUTURE RESILIENCE:**
THE ROLE OF **SEAMLESS**
AND **CONTACTLESS** TRAVEL



PKD Compliance Check and Data Quality Coach Initiative

—
Direct support for improved outcomes

Ciaran Carolan

ICAO Facilitation



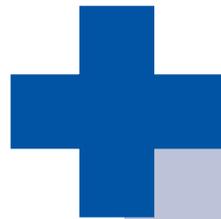
Reach many entities
at once

Share knowledge

Build competencies

Relies on 'train the
trainer' to reach all

Applying knowledge
can be hard



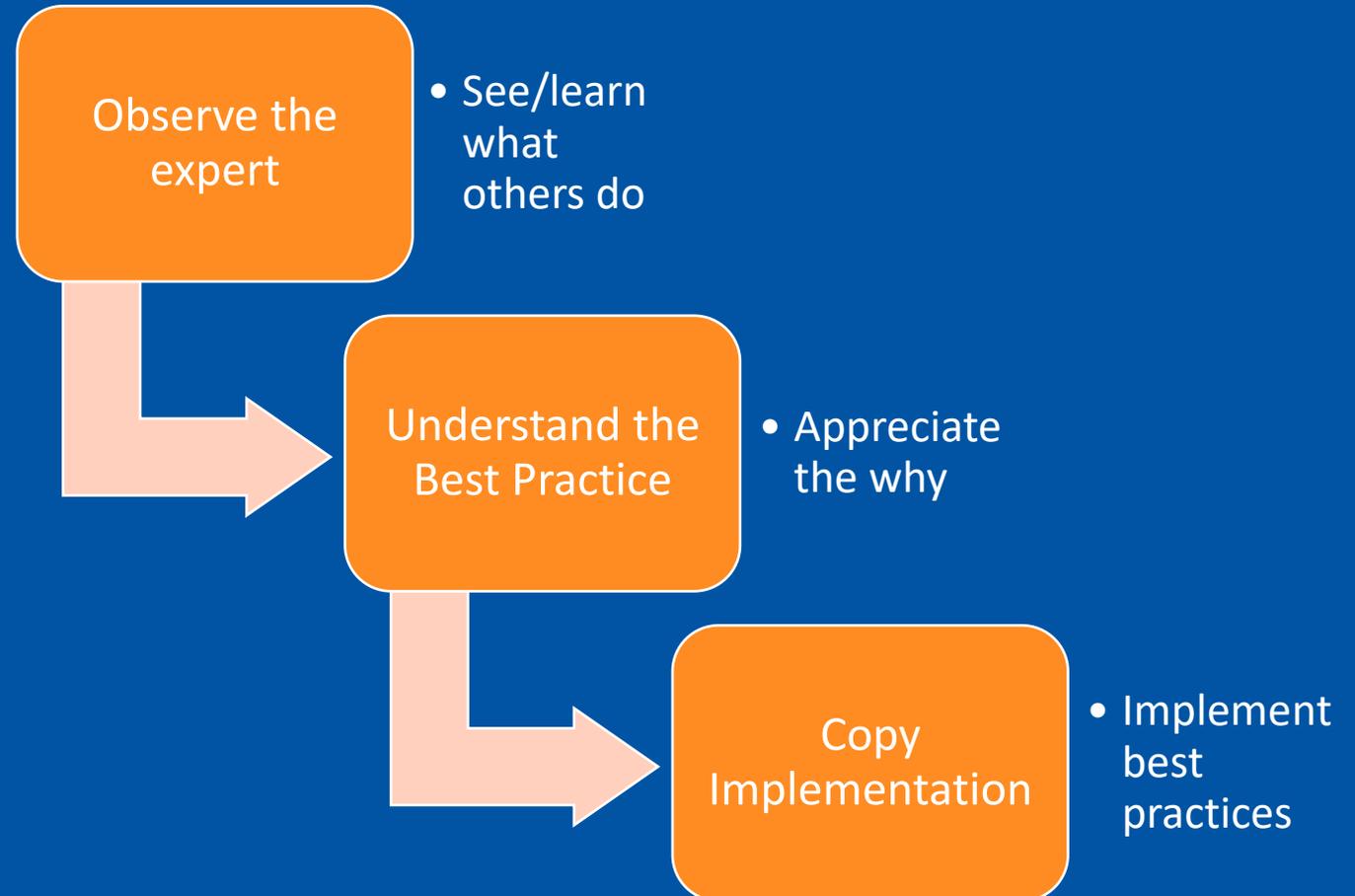
A consistent
reference source
Pooled knowledge
Easy to share very
widely

Requires basic
knowledge to
understand
Can age quickly
Interpretations can
vary



Social learning theory – Albert Bandura

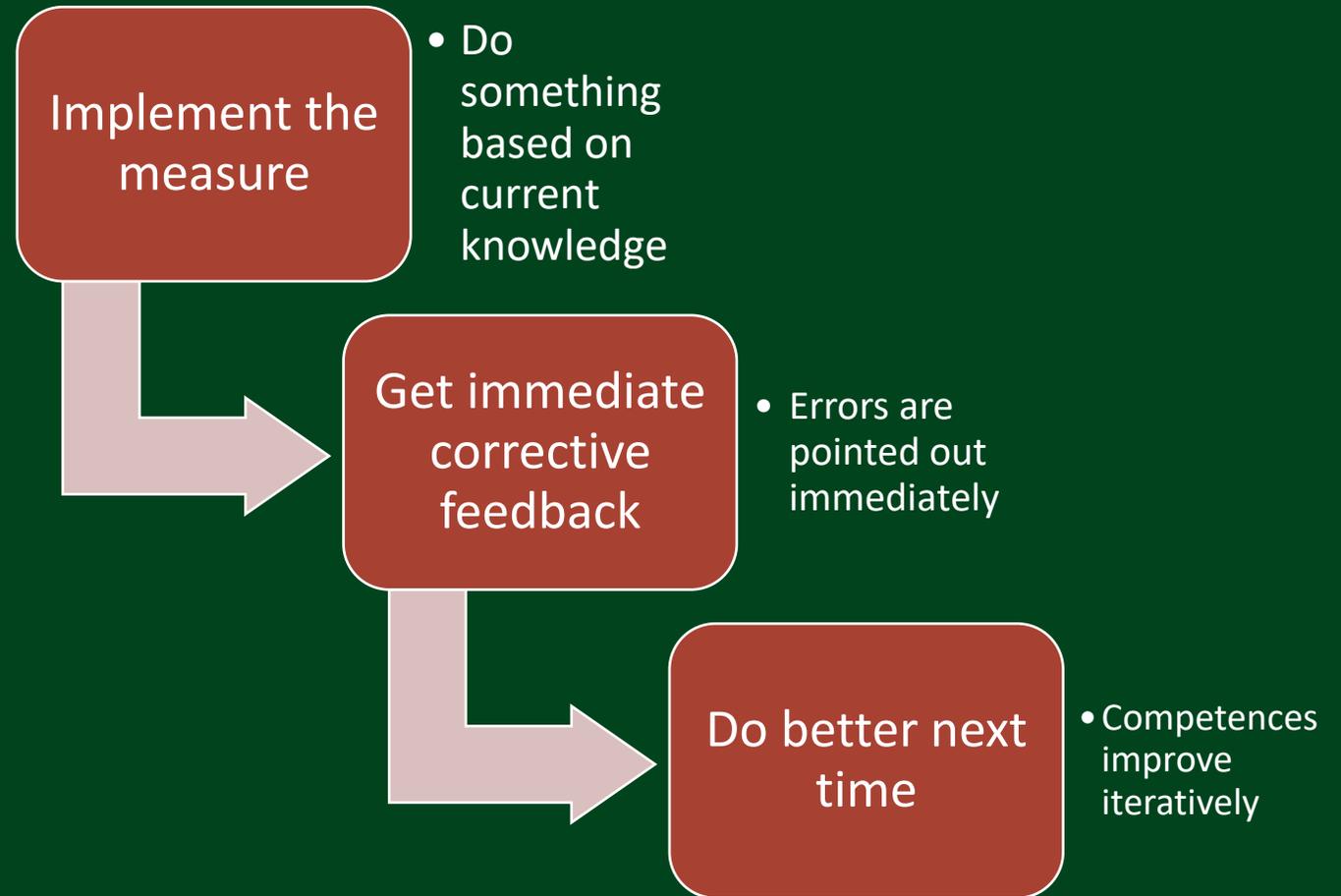
Learning through observation of others and modelling based on behaviours observed





Adaptive theory – B.F. Skinner

Learning and behaviour change through reinforcement



PKD DQ Coach

Social learning



Caters for all knowledge levels
Up to date always
Practical and job-focussed

Only for one at a time
Resource intensive

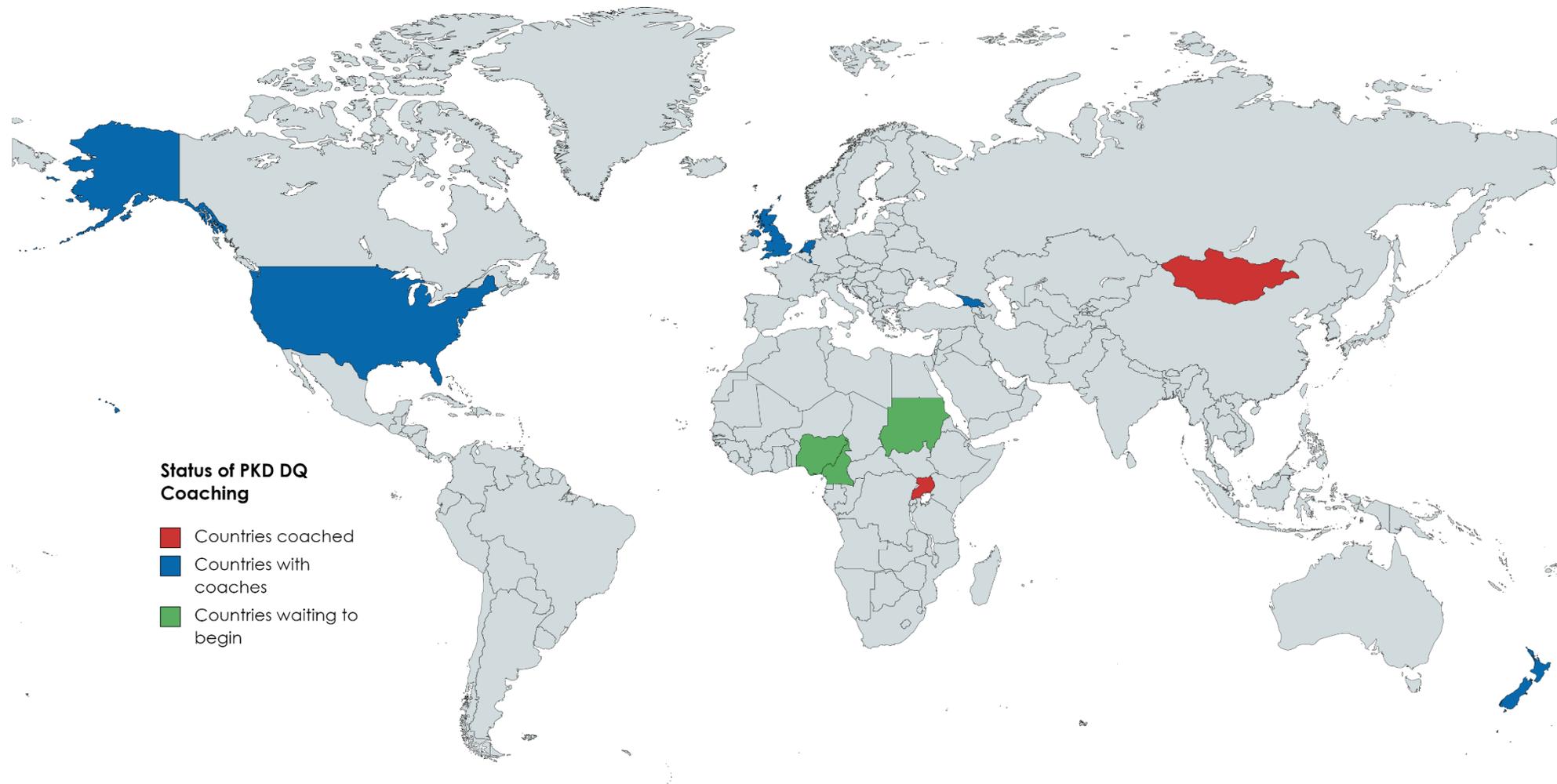
PKD Conformance Checking

Adaptive learning



On-going learning
Up to date always
Practical and job-focussed
Reaches many

Requires capacity to fix things
Doesn't meet needs of those yet to start



Community helping each other

- Human resource 'donated' by the experts
- Financially supported by PKD funds – participants receive payback for their contributions
- The whole community benefits!

An example of success: From concept to ePassport, active PKD participation and eGates in 18 months

Community helping themselves

CONFORMANCE WEBSITE

CONFORMANCE CHECK RESULTS

.cer

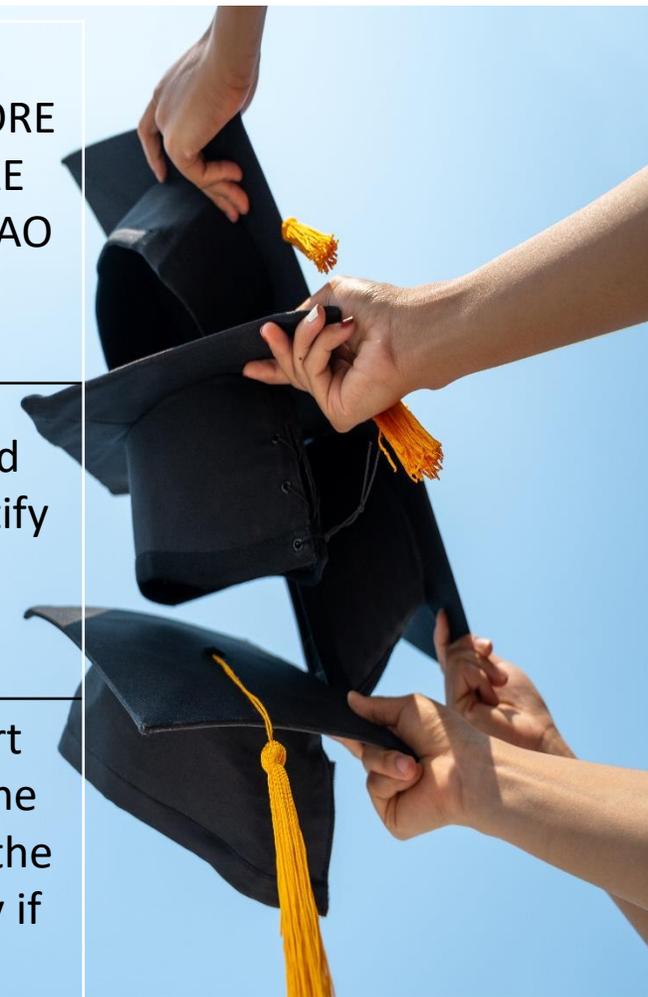
Errors and Warnings

Deviation	TypeID	ElementID	NonConformanceID	Description
ERR	CSCA	CDP	14	Error: CSCA Certificate field CRL Distribution Point Field_Not_Present
ERR	CSCA	IAN	14	Error: CSCA Certificate field Issuer Alternative Name Field_Not_Present
ERR	CSCA	SAN	14	Error: CSCA Certificate field Subject Alternative Name Field_Not_Present
ERR	DSC	SAN	14	Error: Document Signer Certificate field Subject Alternative Name Field_Not_Present
ERR	DSC	IAN	14	Error: Document Signer Certificate field Issuer Alternative Name

Check PKI certificates BEFORE use and BEFORE upload to the ICAO PKD

Straightforward feedback to rectify errors

Further support possible from the Secretariat and the PKD community if needed



Summary

ICAO PKD Capacity Building

Seeks to complement efforts
focused on training and
publication of guidance
documentation

A community approach

**Community Tools & Community
Mentoring =>
Benefits for all**



Thank You

