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SAFETY



ARCM-SAM
AIG REGIONAL COOPERATION MECHANISM
OF SOUTH AMERICA

ARCM – SAM

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ARCM-SAM
AIG REGIONAL COOPERATION MECHANISM
OF SOUTH AMERICA

AGENDA

**ARCM
ORIGIN**

**ARCM
STRUCTURE**

**WORKING
PROGRA-
MMES**

**DEVELOPED
ACTIVITIES**

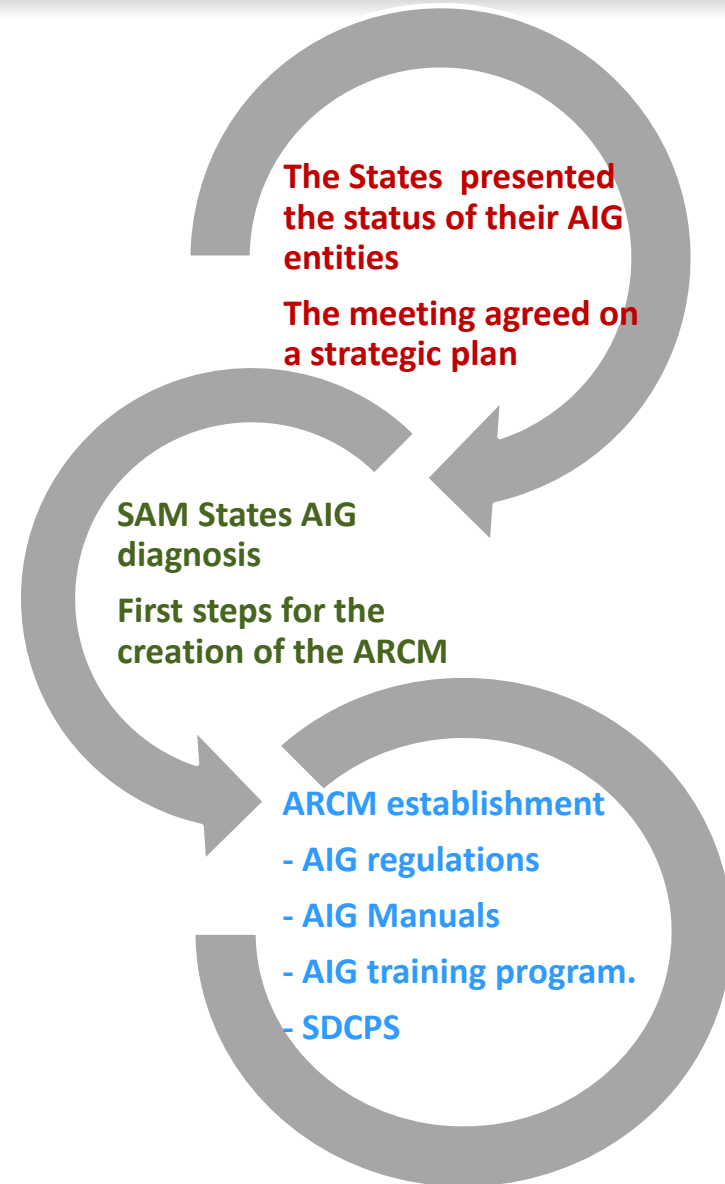
**2016
ACTIVITIES
PROGRAMME**

**SAM AIG
STATUS AND
ARCM
OBJECTIVES**



ORIGIN OF THE ARCM OF SOUTH AMERICA

- **1st Meeting** of AIG Authorities, Lima, March 2014
- **Virtual meeting** of AIG Authorities, Lima, Nov 2014
- **2nd Meeting** of AIG Authorities Buenos Aires, Argentina, June 2015





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ORIGIN OF THE ARCM OF SOUTH AMERICA

3th Meeting of AIG Authorities,
Lima, Peru, March 2016

- **ARCM Agreement** approval
- **AIG regulations:** Amendment 1
- **AIG manuals:** approvals and Amendment 1
- **AIG training programme:** Amendment 1
- **ARCM Web** page approval:
- **SDCPS** approval
- **Multinational investigator certification** manual approval



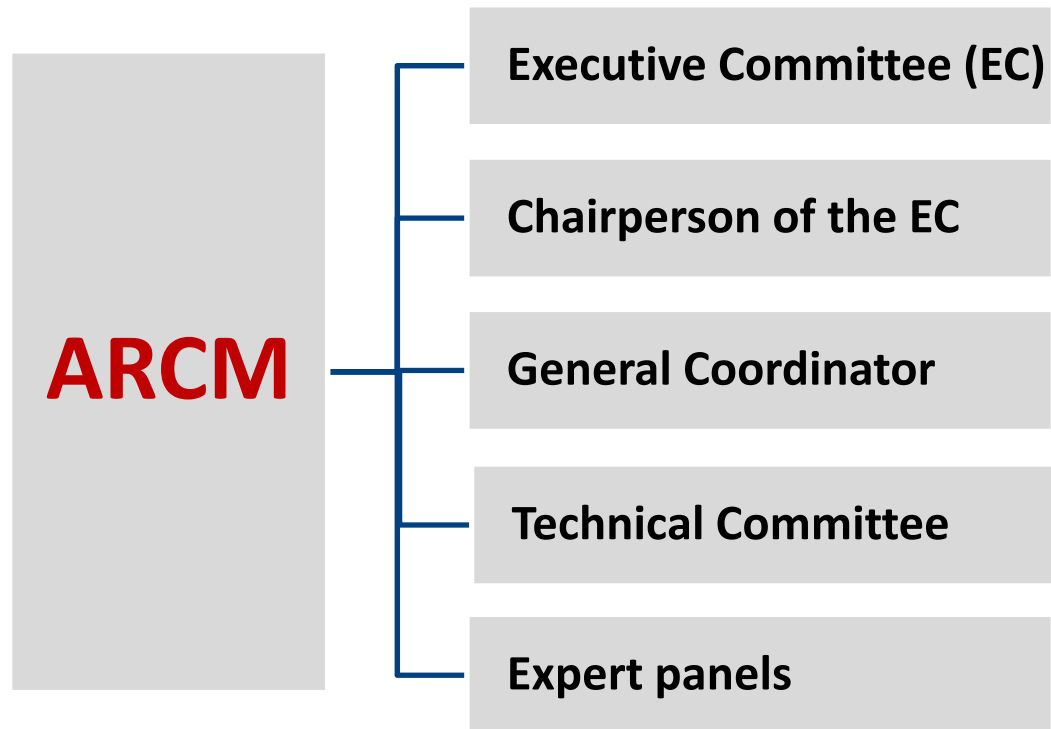
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ARCM STRUCTURE





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ARCM VISION

Become an AIG mechanism that:

- ✓ *ensures the highest standards in the investigation processes; and*
- ✓ *be recognised for its contribution to safety*





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ARCM MISION

- ✓ *Support SAM States, so that they can improve the AIG effective implementation (EI); and*
- ✓ *contribute in the reduction of accidents and incidents rate in the SAM Region*



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WORKING PROGRAMMES

Harmonization

Technical assistance

Regional training

Investigators bank

Cooperation



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AIG REGIONAL COOPERATION MECHANISM
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Developed activities

**ARCM
Multinational
Technical
Cooperation
Agreement**

**AIG
regulations**

AIG manuals

**AIG training
programme**

**ARCM Web
page**

**ARCM SDCPS
(safety data
collection and
processing
system)**



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ACTIVITIES PROGRAMME

2016

- **States AIG PQs review**
- **AIG documentation revision**
- **Working papers development**
- **SAM Third AIG meeting, 7-9 march**
- **ADREP/ECCAIRS training courses (2)**
- **First ARCM AIG course (1)**
- **SDCPS implementation**



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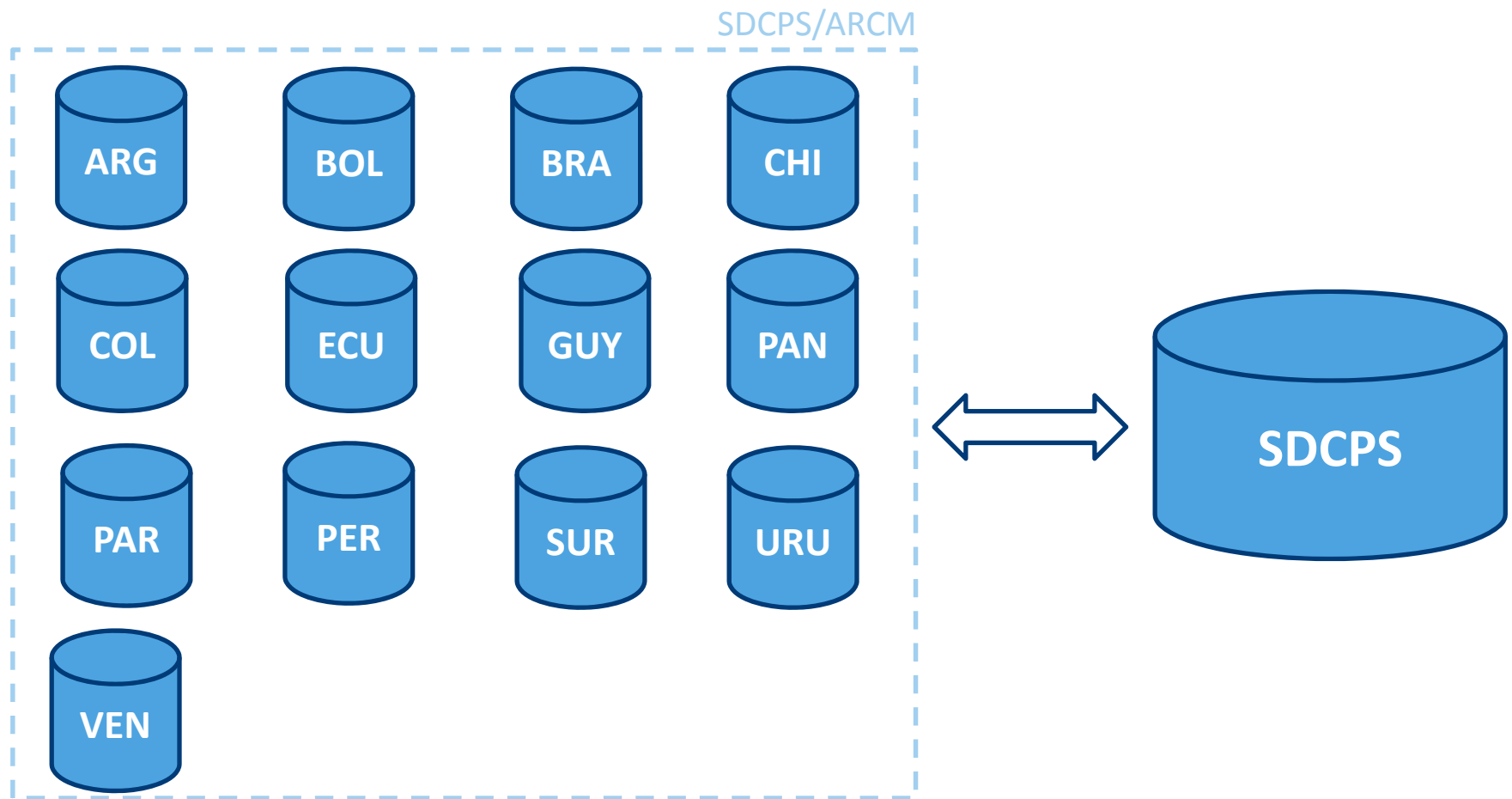
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Safety data collection and processing system (SDCPS) development



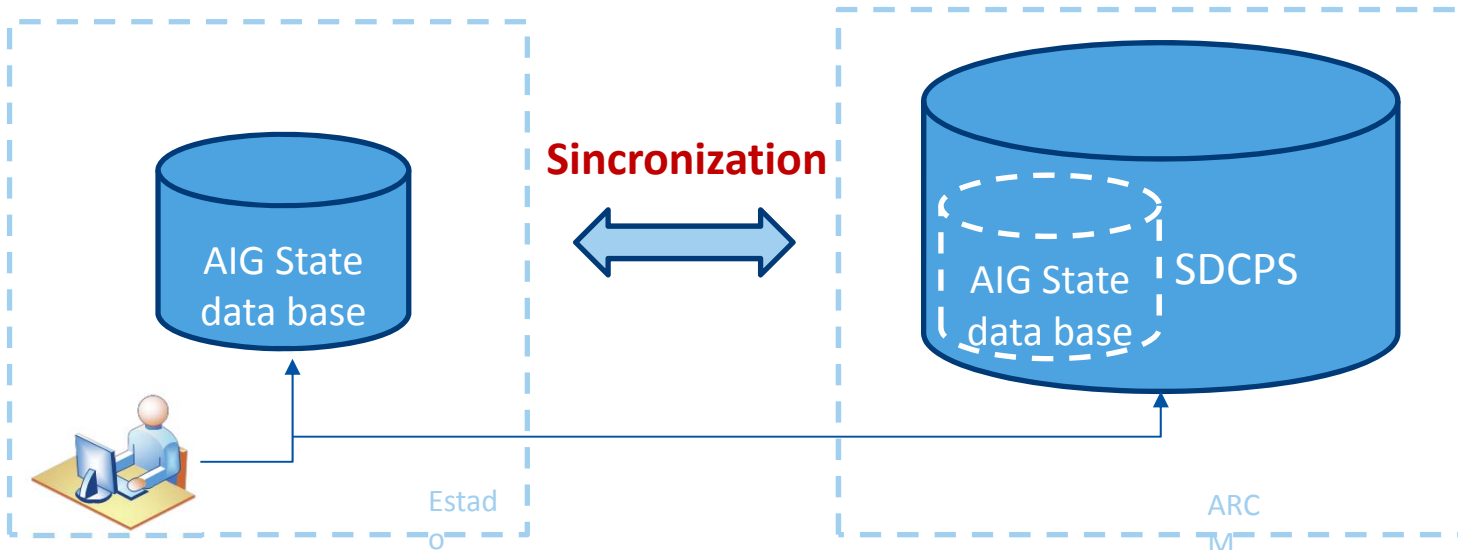


Safety data collection and processing system (SDCPS) development - Architecture





ARCM SDCPS

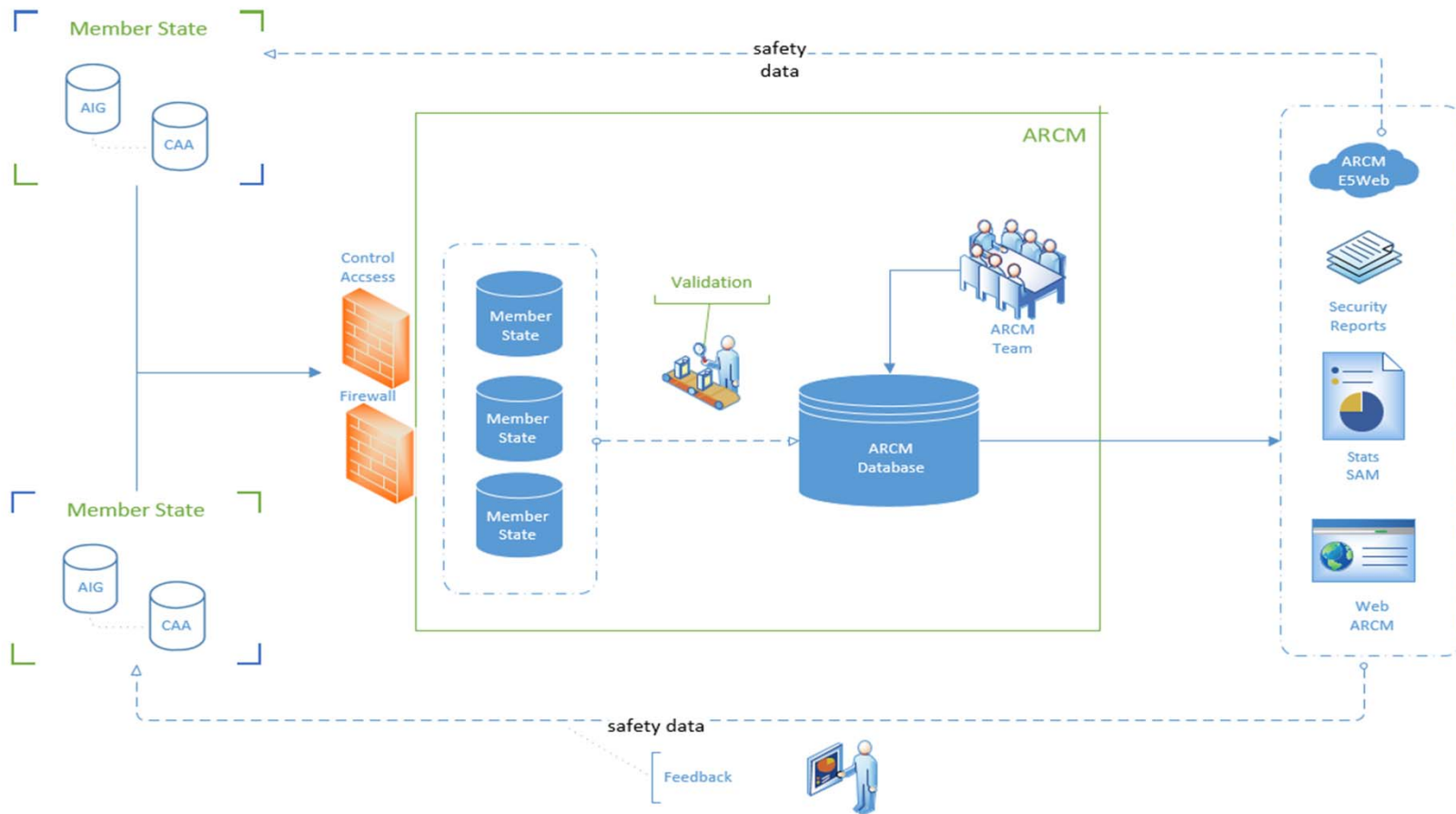


- ✓ An AIG Authority may connect to its data base and to the ARCM SDCPS
- ✓ The States AIG data bases are synchronized with the SDCPS



Safety data collection and processing system (SDCPS) development - Architecture




safety data collection and processing systems (SDCPS)





SDCPS access

Login [Close]



Repository: [v]

Language: [v]

Authentication: [v]

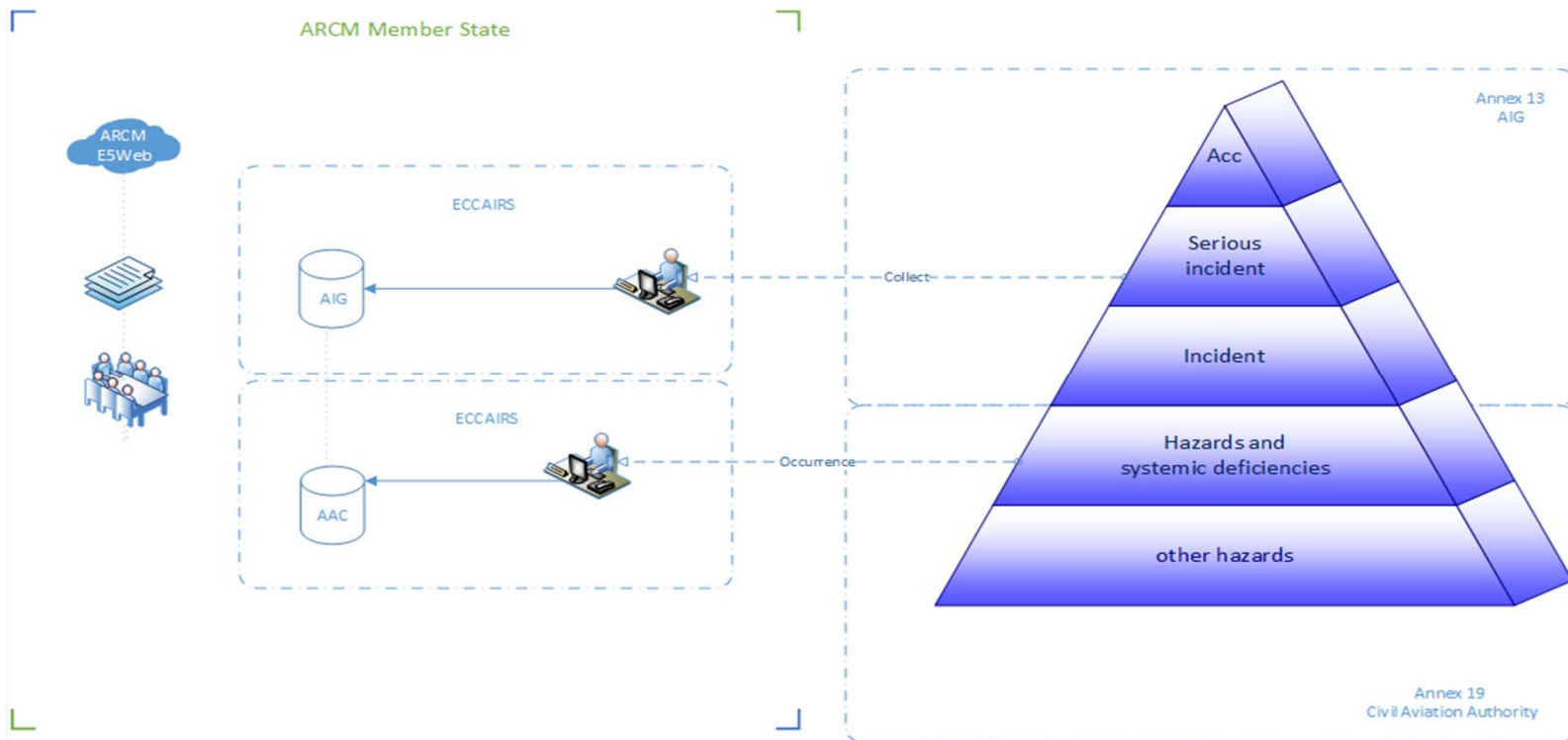
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Password:

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SDCPS scope



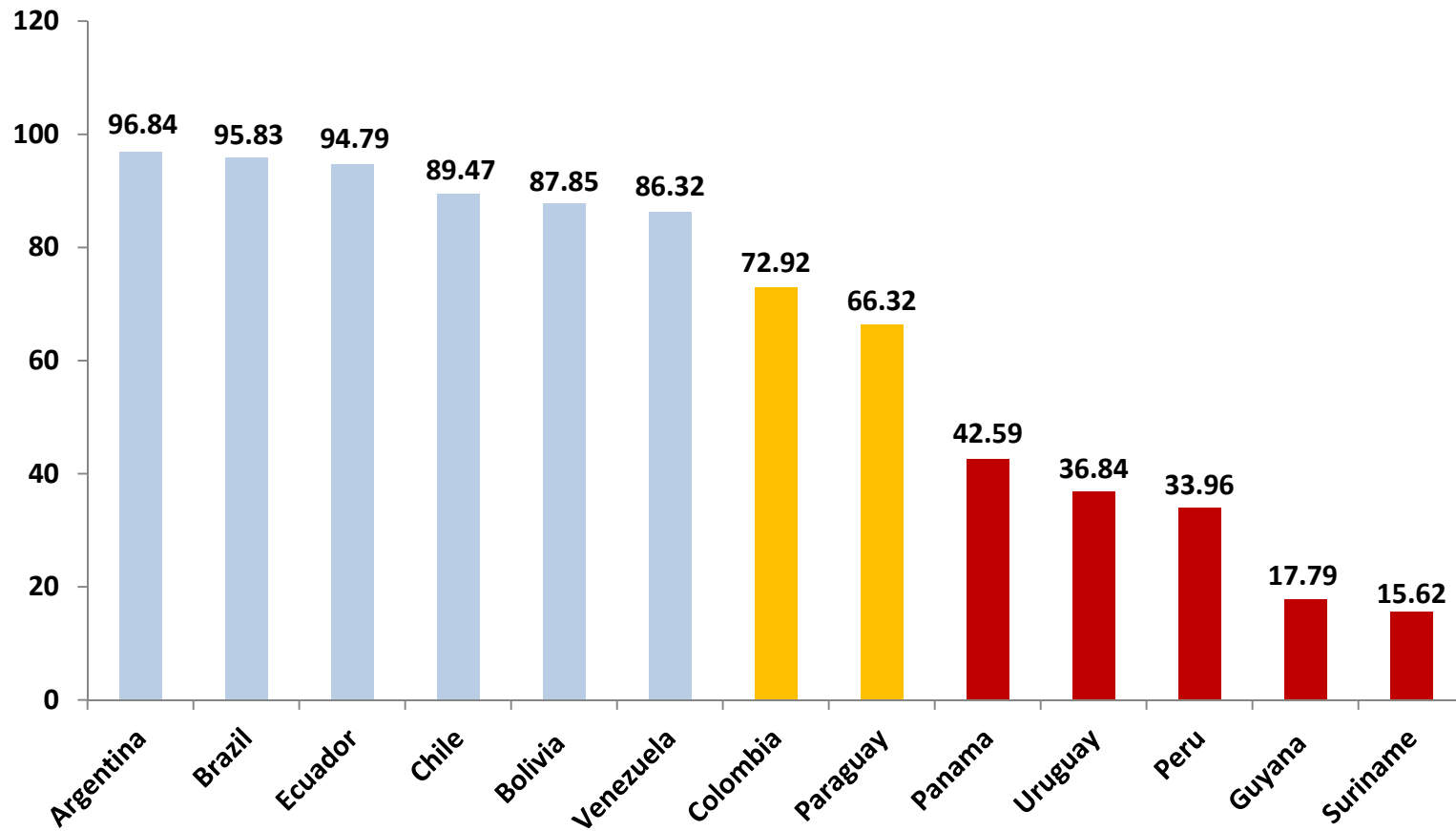


Safety data collection and processing system (SDCPS) development - Proposed architecture – SAM States repositories





SAM States AIG status





ARCM GOALS

- ✓ *Improve the EI of SAM States above 80% in 2019*

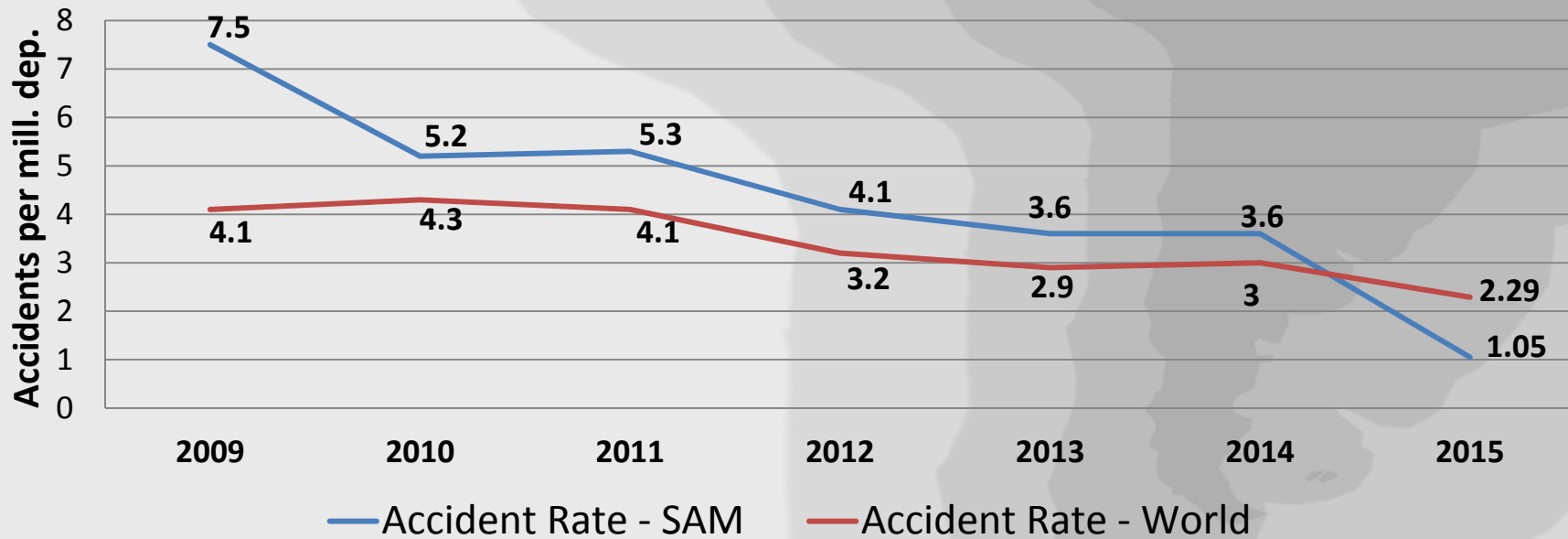


ARCM GOALS

- ✓ *Reduce the accidents rate in the SAM Region in 2019 as follows:*
 - *Accidents: 25% below the global average rate (2011-2015/**3**)*
 - *Run. exc: 25% below the SAM average rate (2011-2015/**0.84**)*

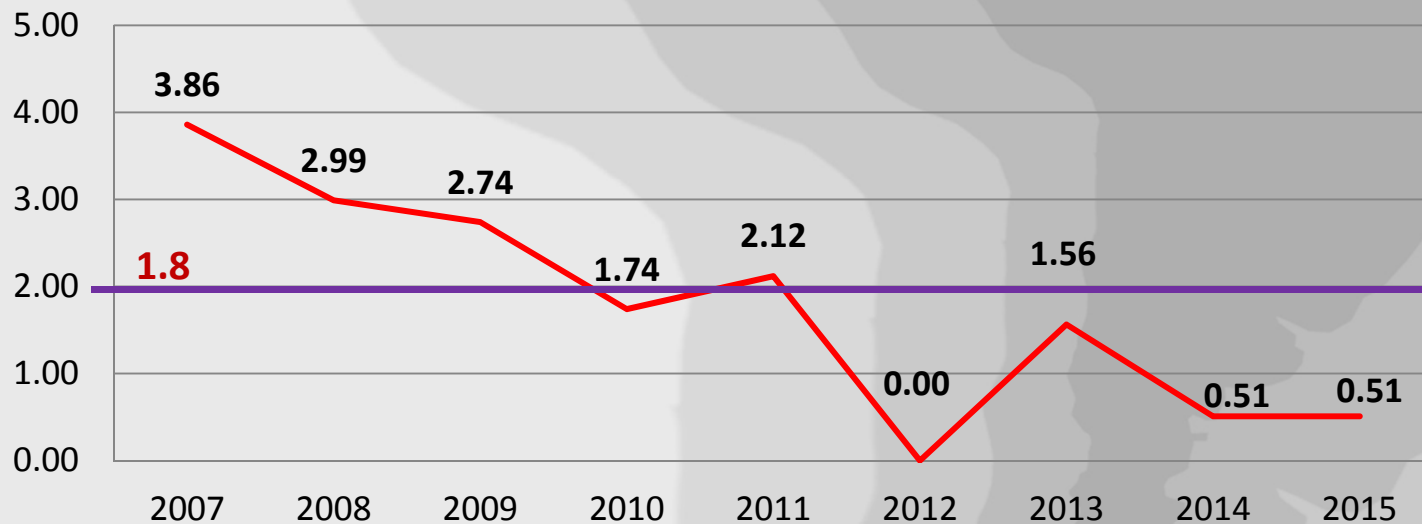
ARCM GOALS

Accident Rate Scheduled Commercial above 5700 kg



ARCM GOALS

SAM Region - RE accidents rate



— Tasa de accidentes por excursiones de pista en la Región SAM



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ARCM FINAL GOAL

SAVE LIVES





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Thank you very much