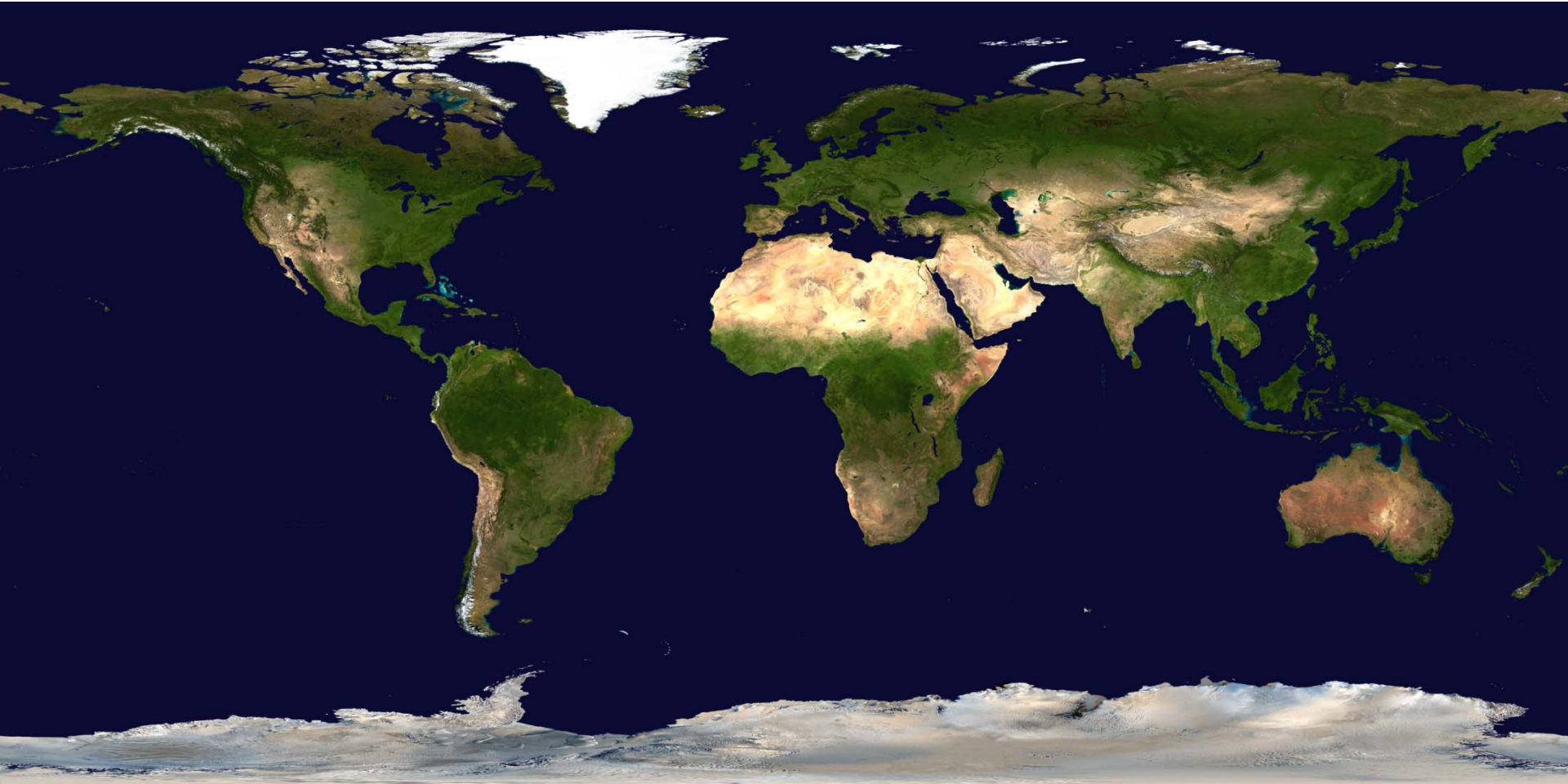


e-SPIDER

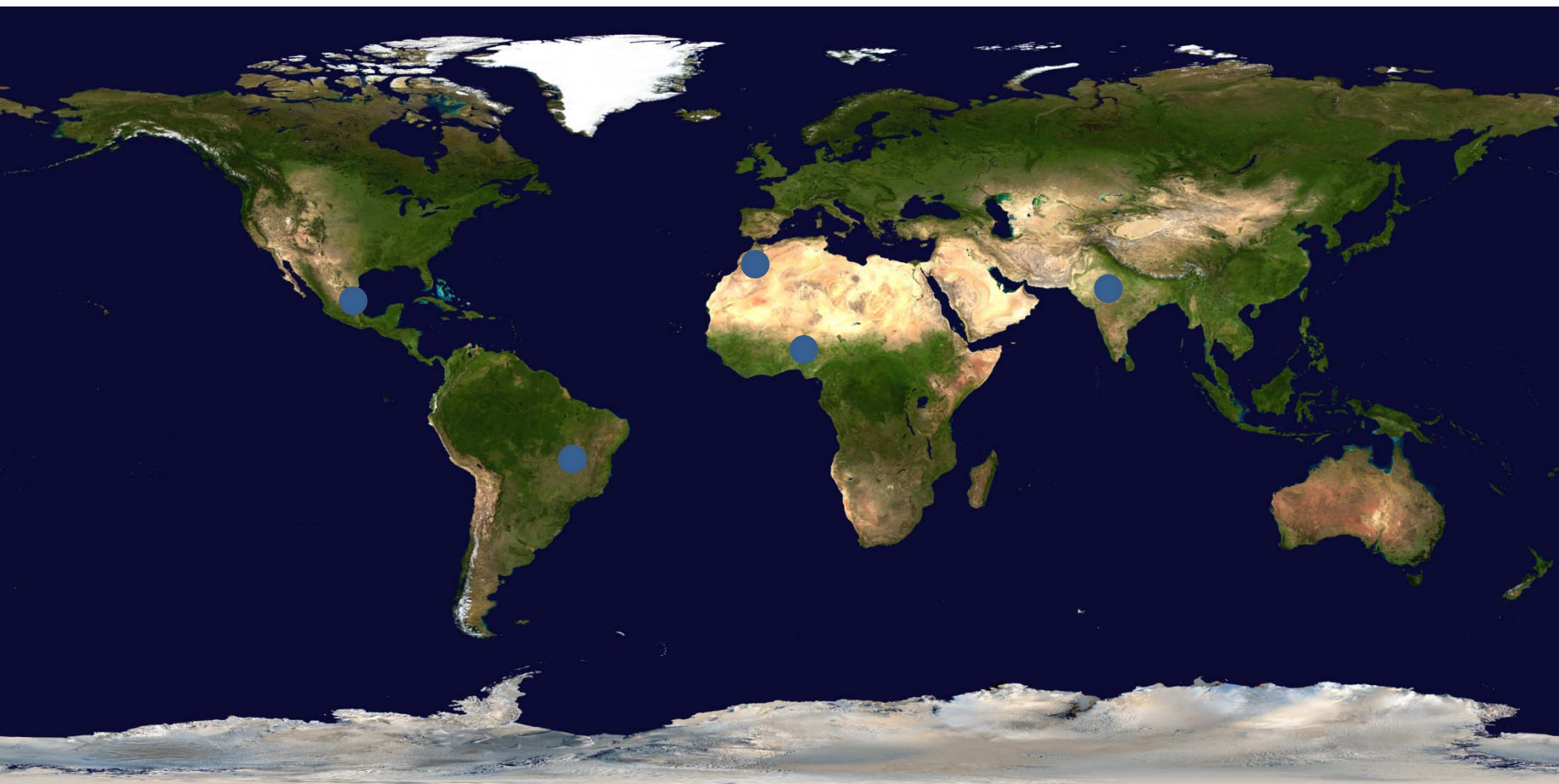
Elements for UN-SPIDER's e-learning component



Peter Zeil, Petra Jenewein, Josef Strobl

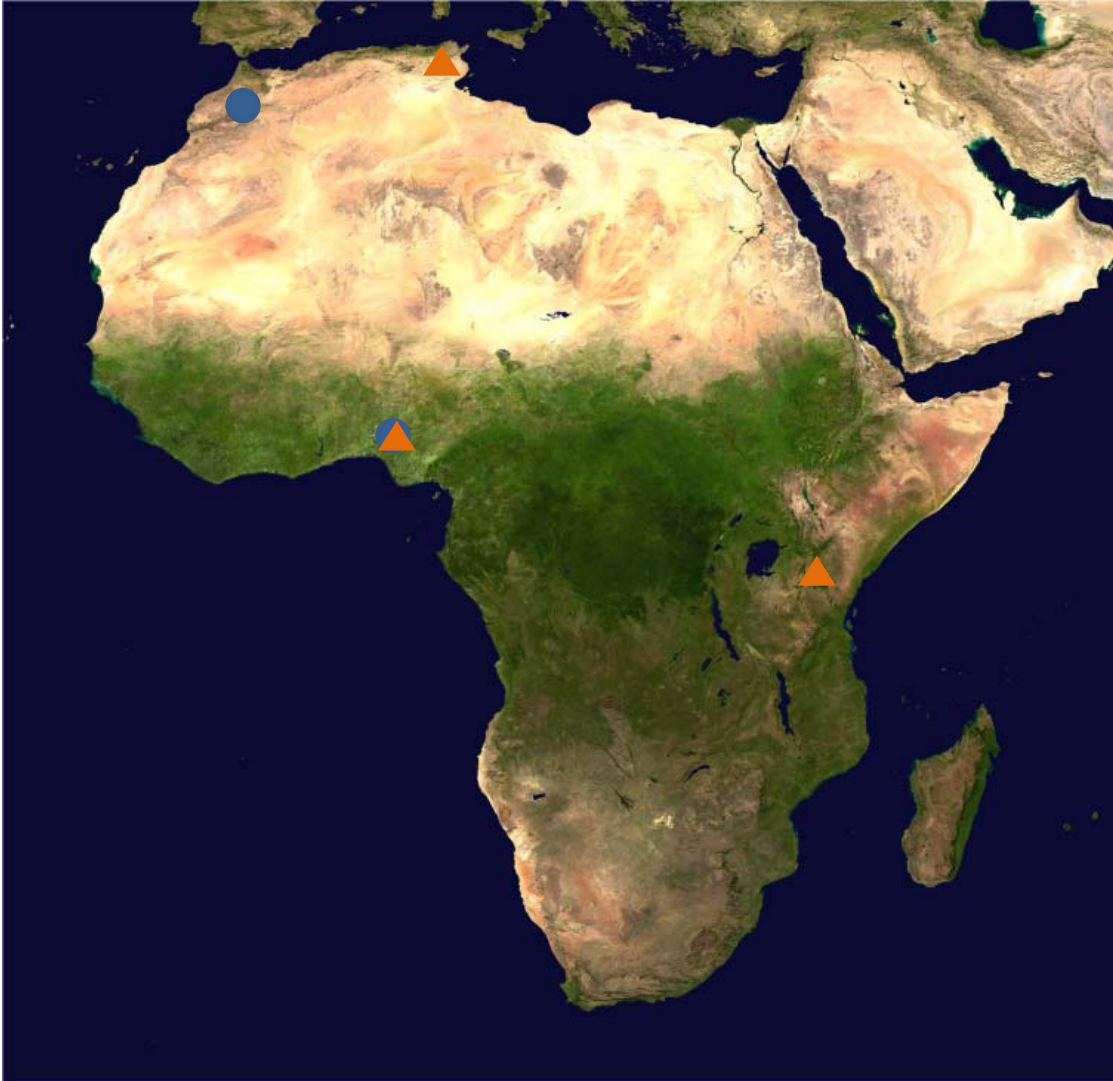
Regional Centres For Space Science and Technology Education affiliated to the United Nations

CRECTEALC (Mexico, Brazil), CRASTE-LF (Marocco), ARCSSTE-E (Nigeria), CSSTEAP (India)



UN Regional Centres – Regional Centers of Excellence

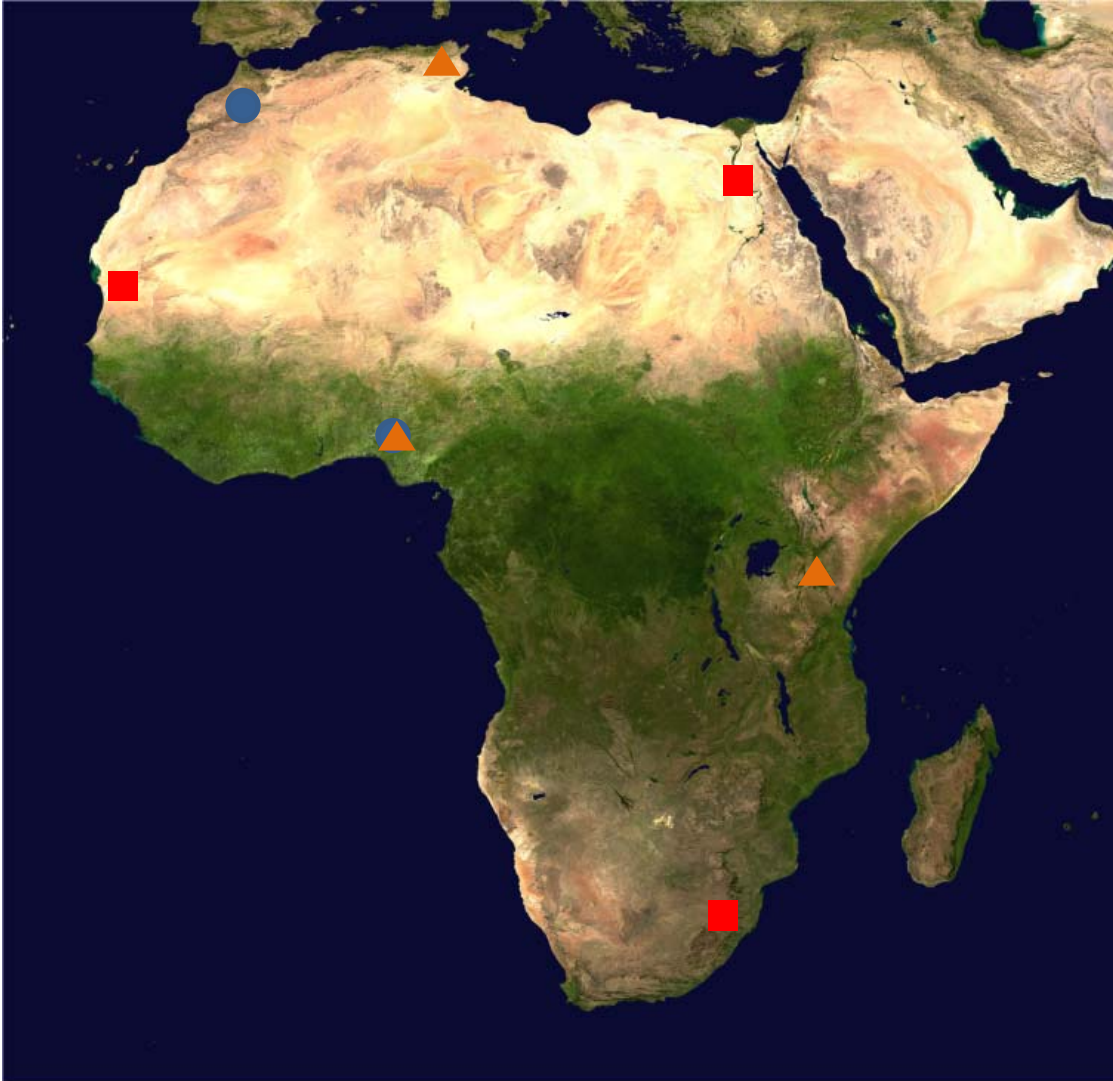
RECTAS (Nigeria), RCMRD (Nairobi), OSS (Tunisia)



Expertise: spatial data handling,
capacity building, regional links

UN Regional Centres – Regional Centers of Excellence – Regional Support Organisations

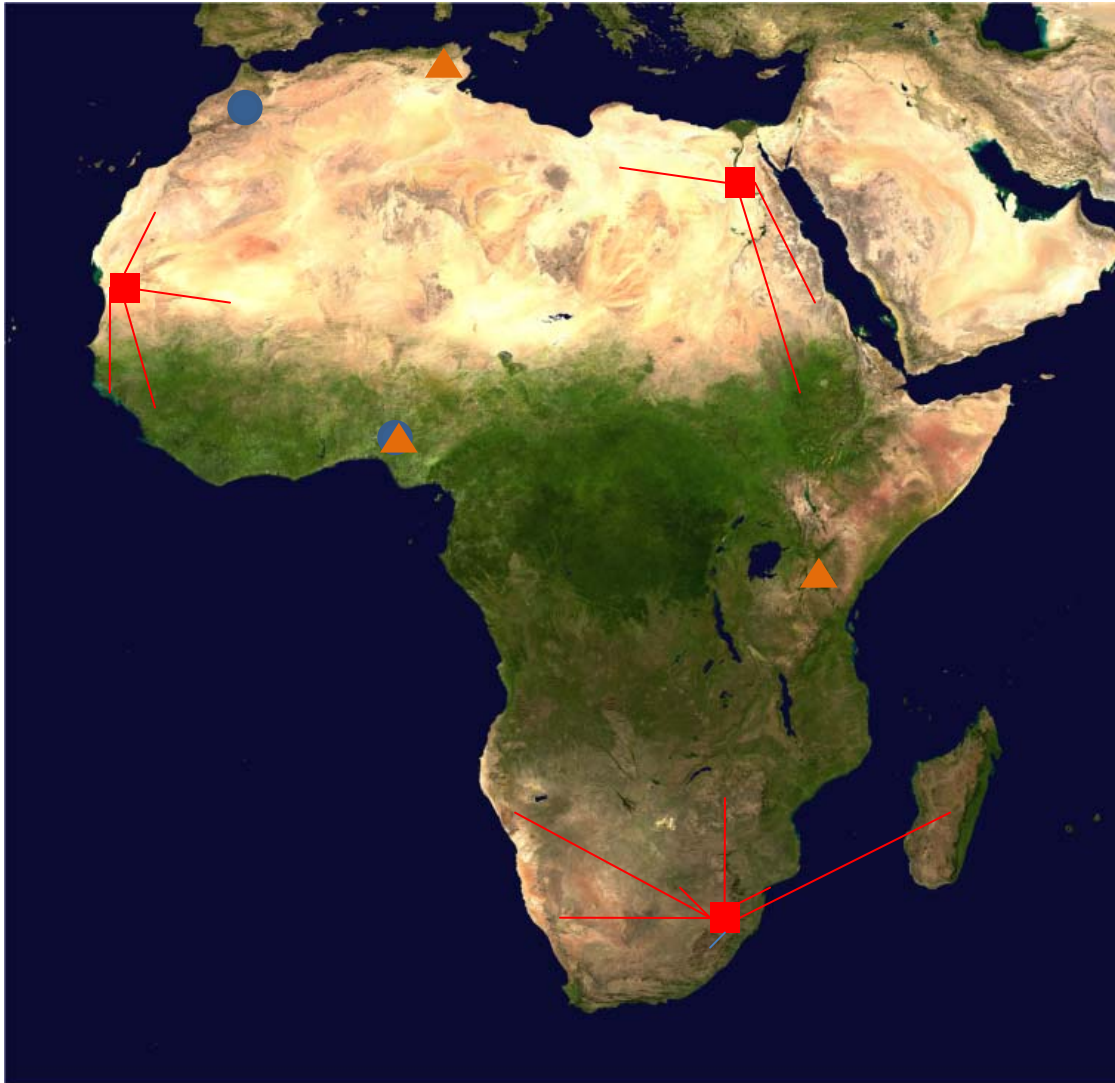
CSIR (South Africa), NARSS (Egypt), ...(Senegal),



Expertise: space applications,
disaster management, risk
reduction

UN Regional Centres – Regional Centers of Excellence – Regional Support Organisations

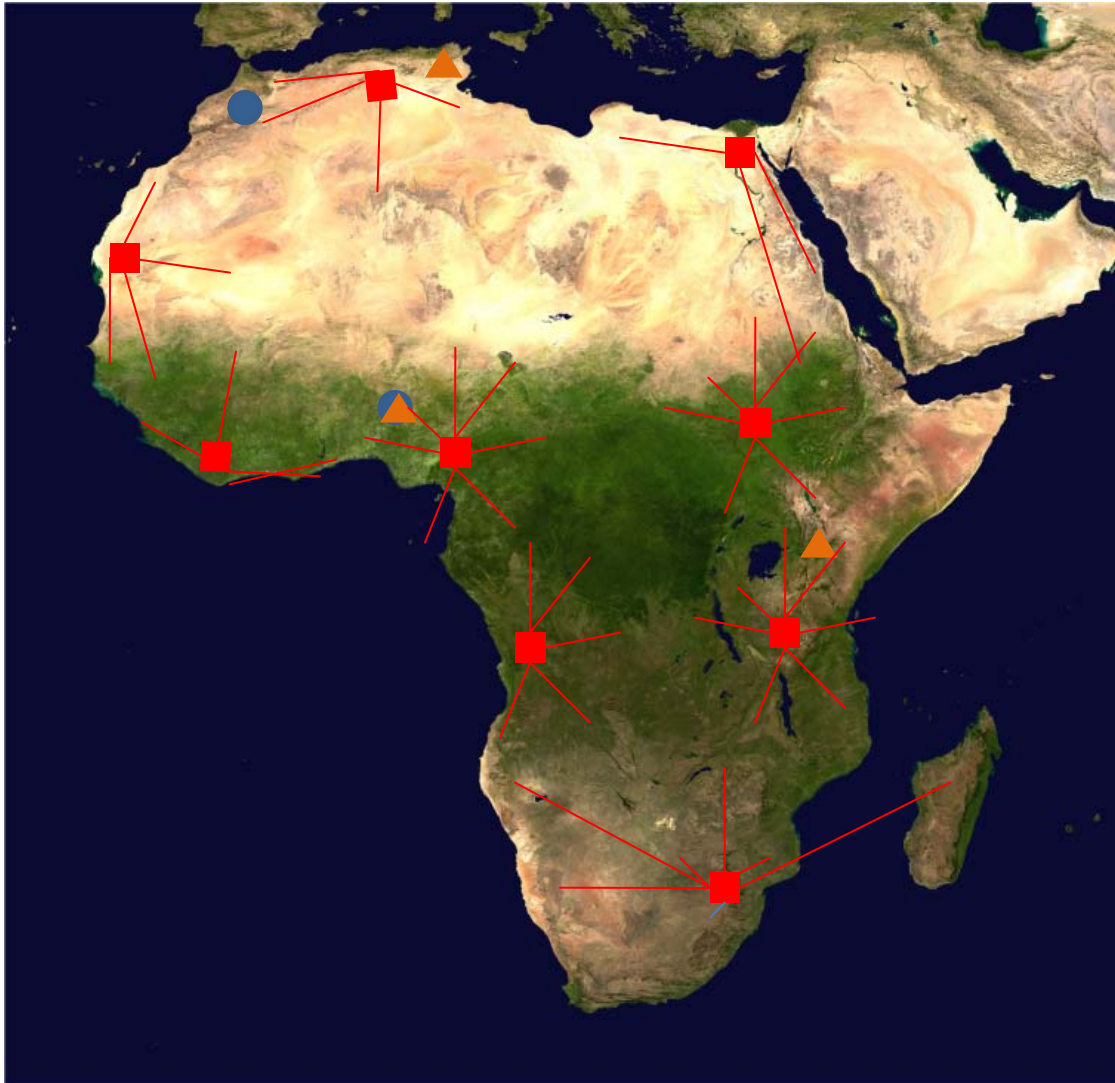
CSIR/SANDMC (South Africa), NARSS/.... (Egypt), ...(Senegal)



Expertise: space applications,
disaster management, risk
reduction
Established networks / clusters

UN Regional Centres – Regional Centers of Excellence – Regional Support Organisations

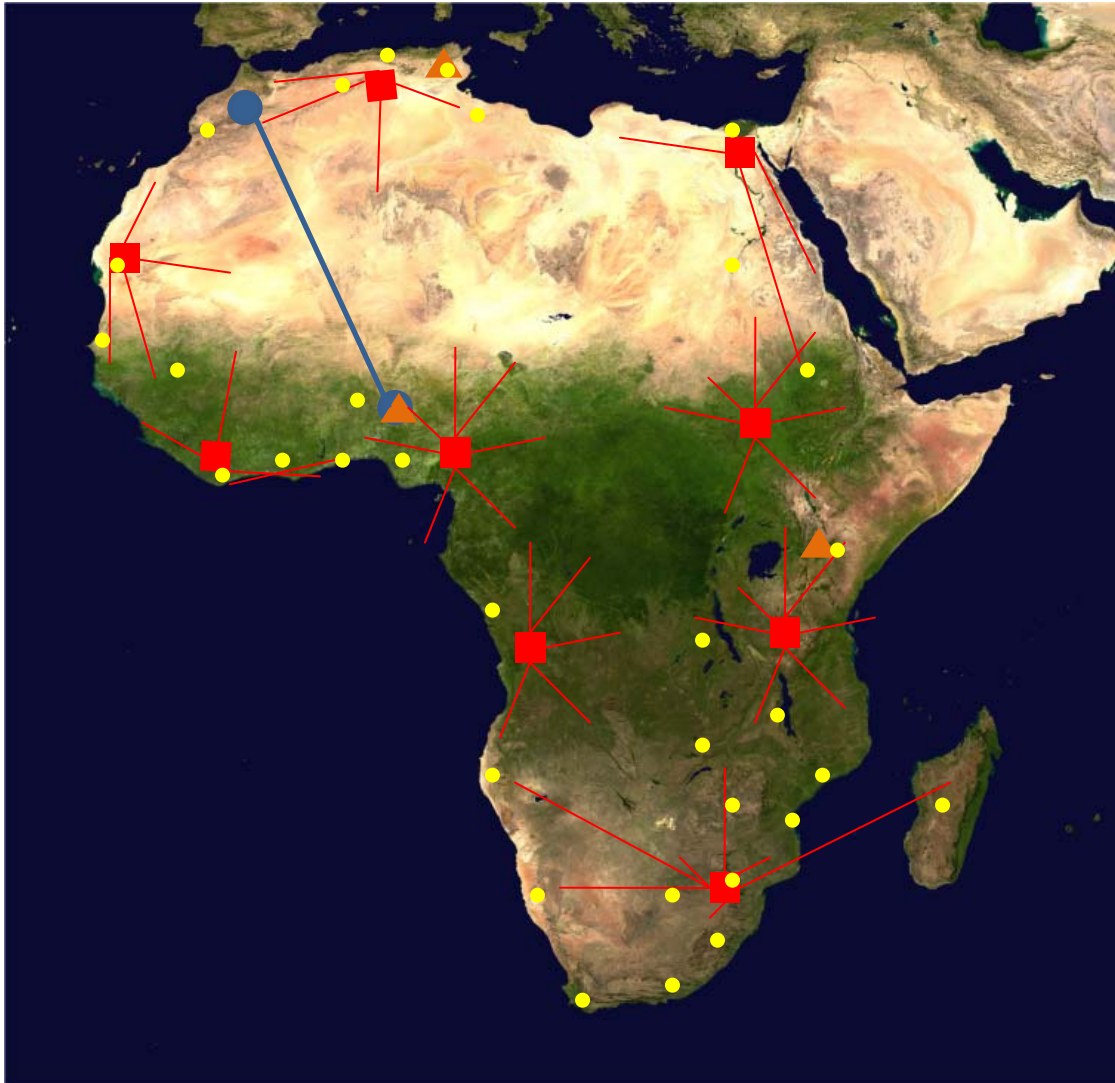
CSIR/SANDMC (South Africa), NARSS/.... (Egypt), ...(Senegal),



Expertise: space applications,
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reduction
Established networks / clusters
ISDR Platforms

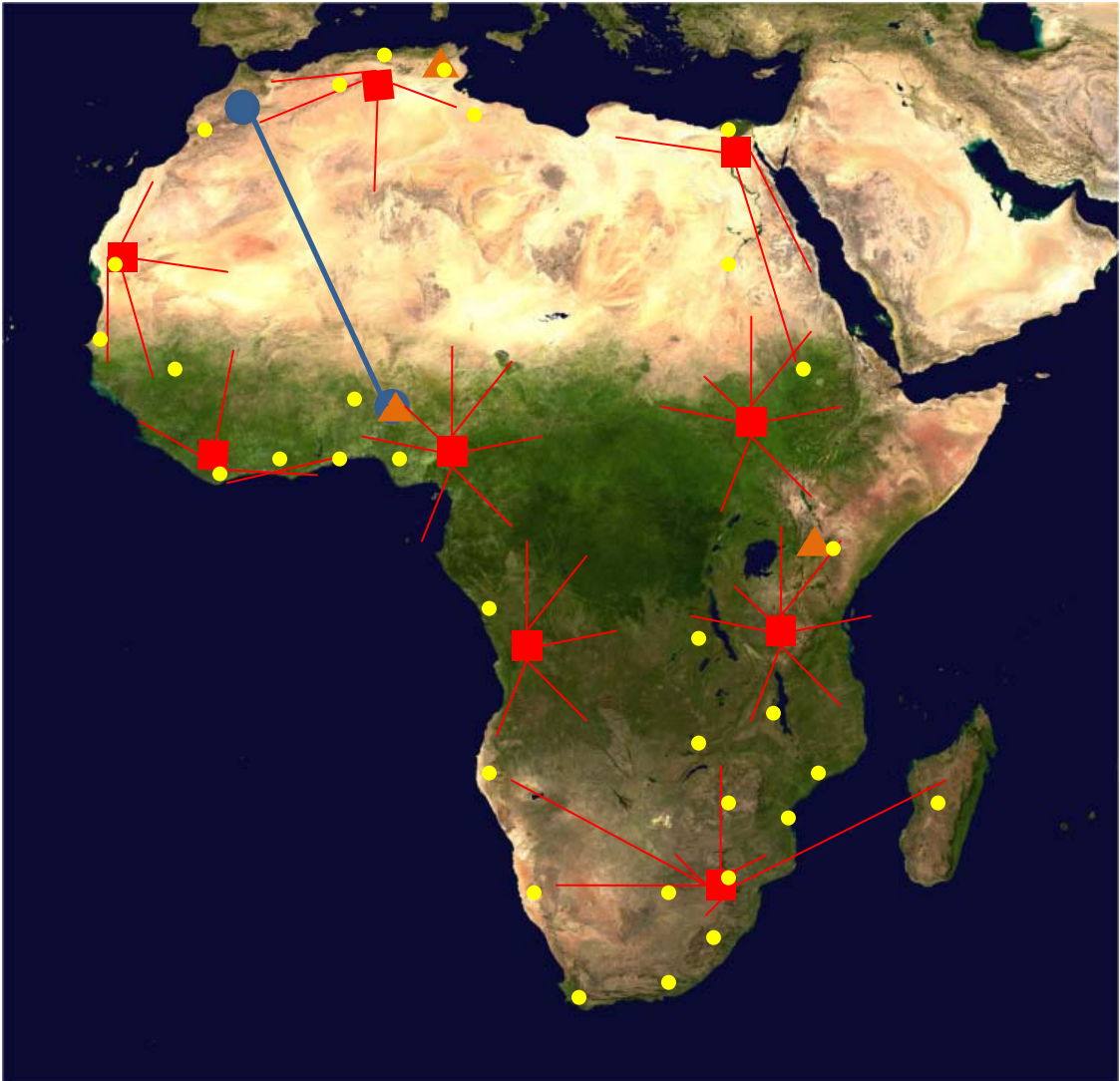
UN Regional Centres – Regional Centers of Excellence – RSOs - Universities

many



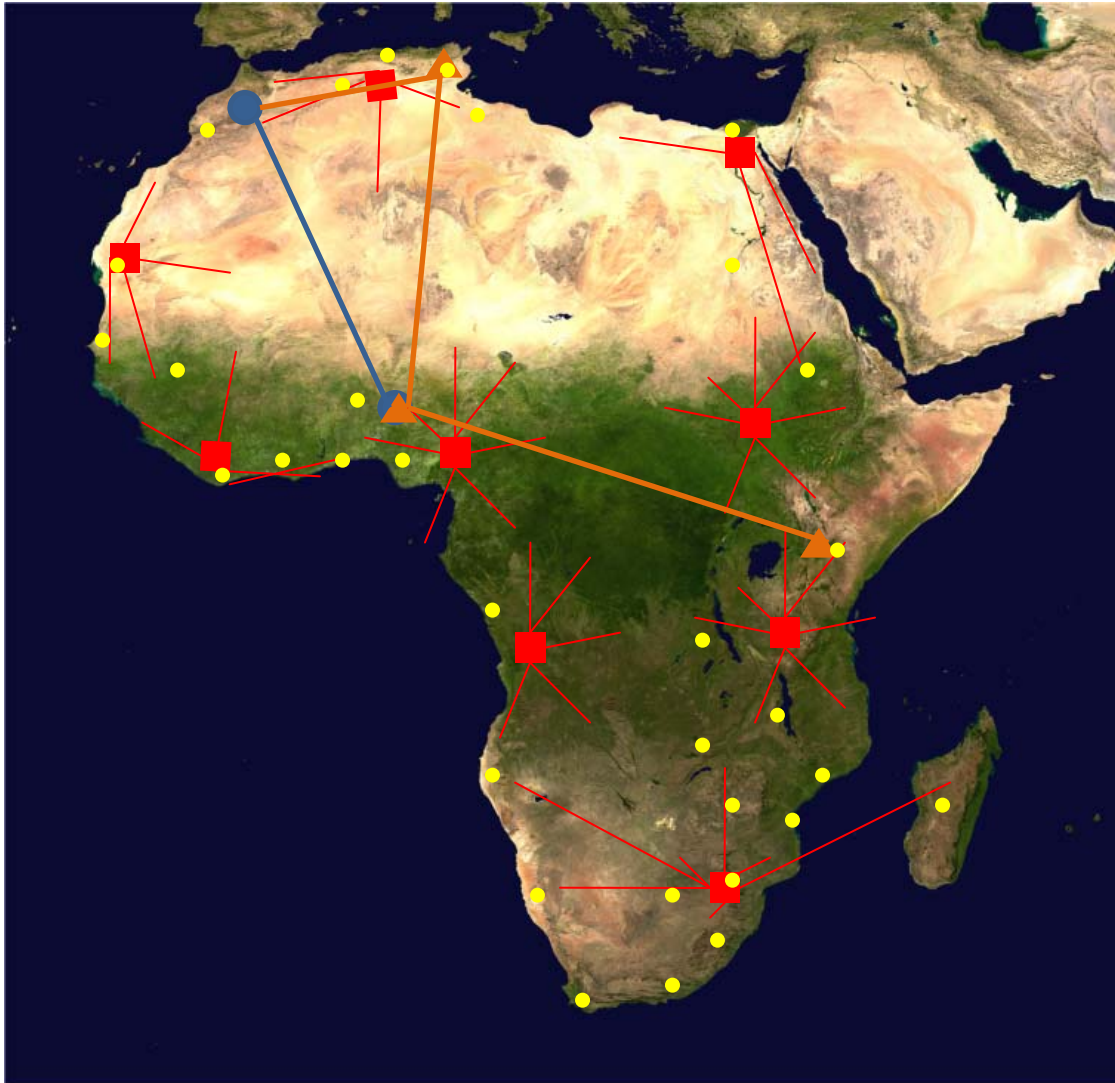
Expertise: research, capacity building, national institutions

e-SPIDER – step 1



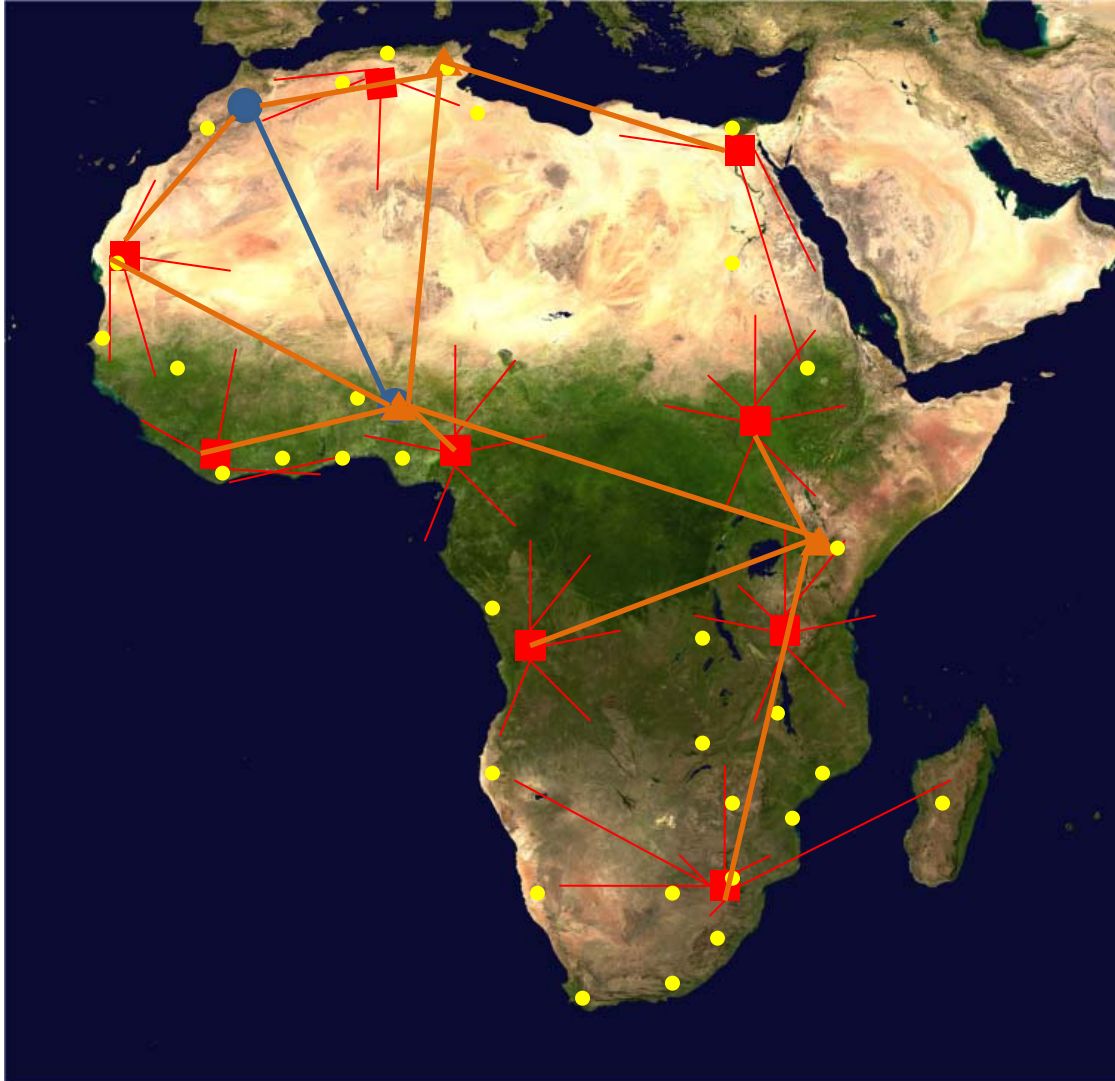
Train tutors

e-SPIDER – step 1



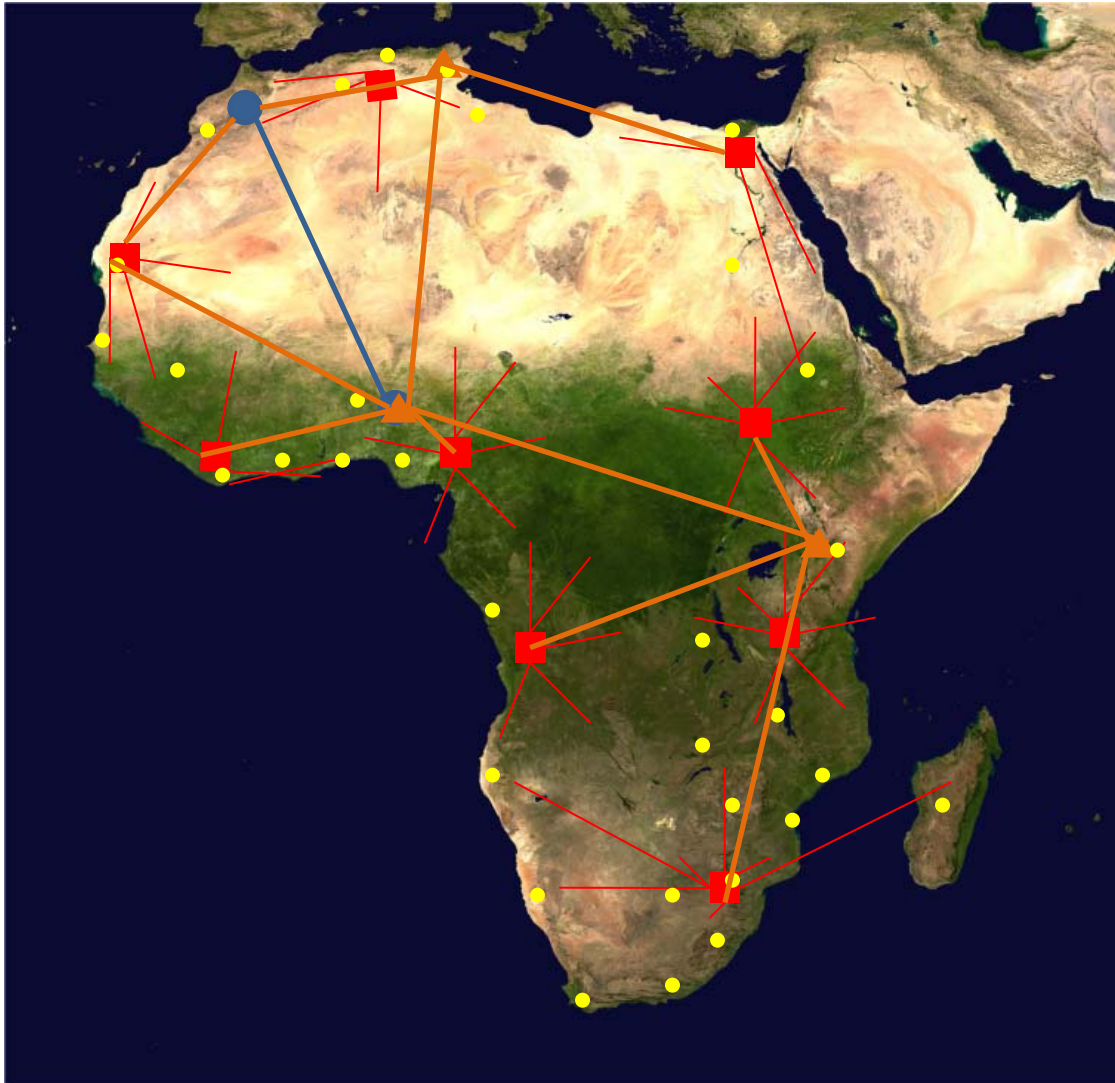
Train tutors

e-SPIDER – step 2



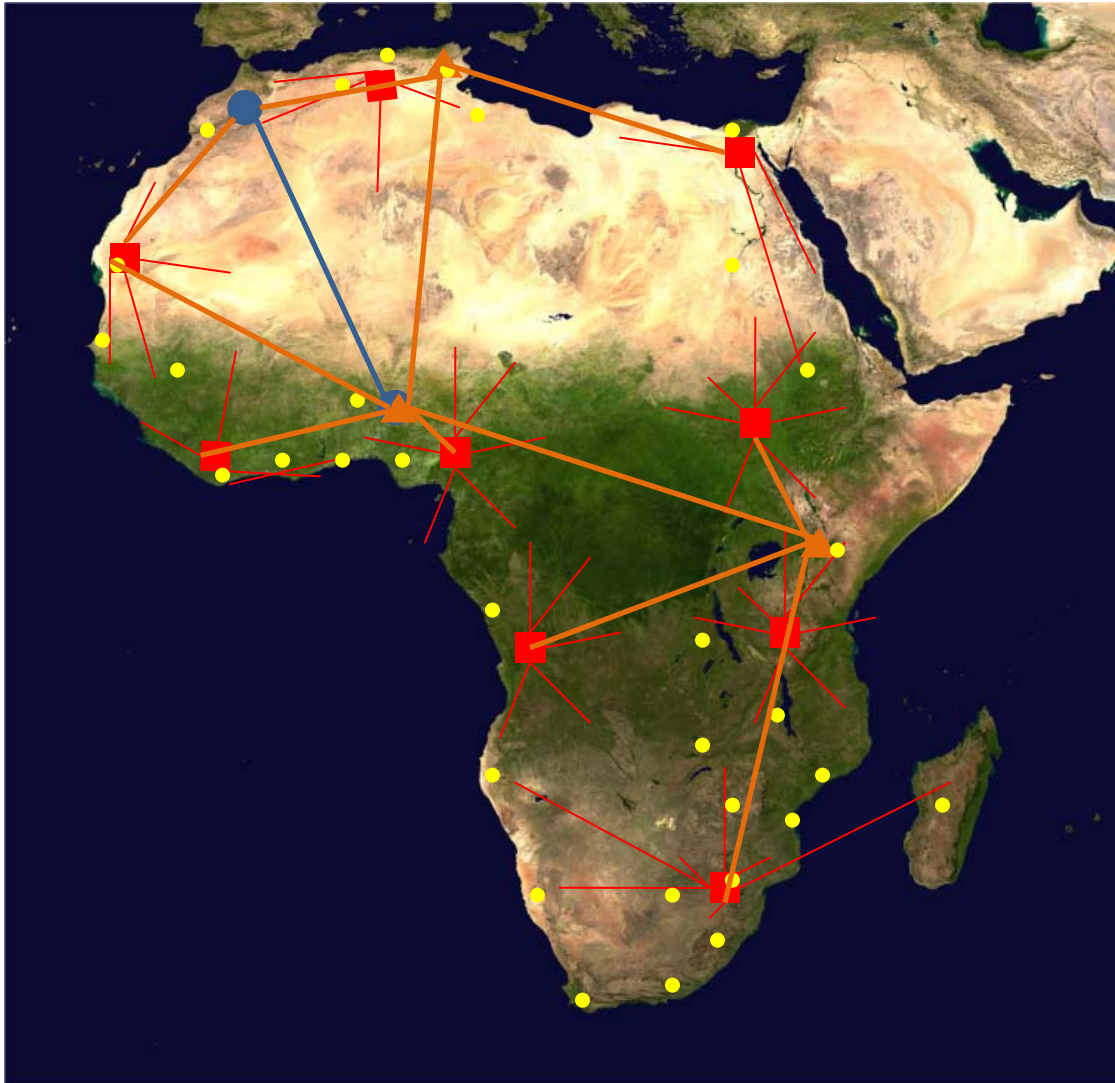
Train tutors
Build content

e-SPIDER – step 3



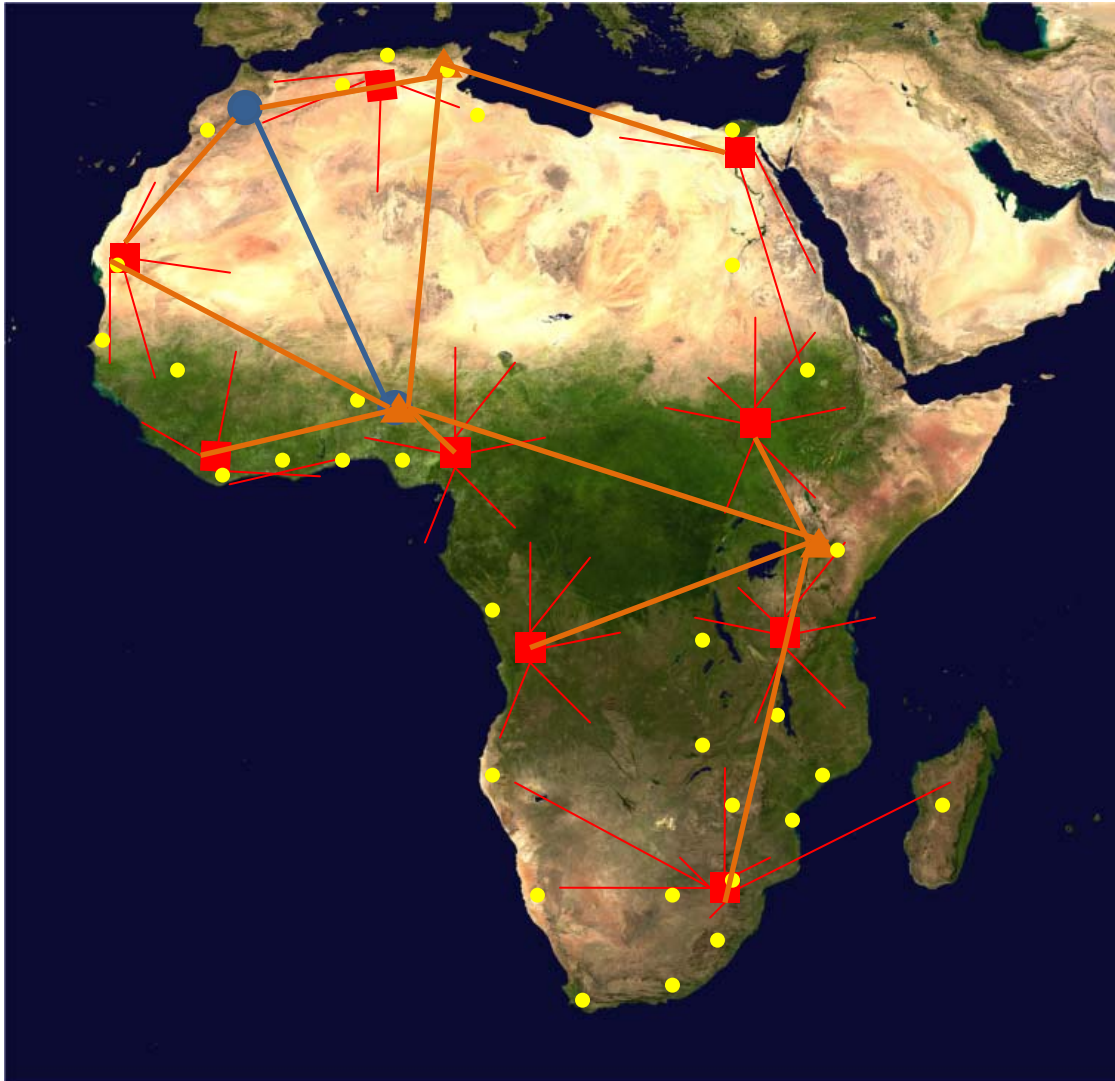
Train tutors
Build content
Deliver capacity building to target groups (seminars, workshops, summer schools, block courses, near real-time exercises)

e-SPIDER – step 4



Train tutors
Build content
Deliver capacity building to target groups (seminars, workshops, summer schools, block courses, near real-time exercises)
Facilitate formal qualification (link to academic institutions – UNEDRA)

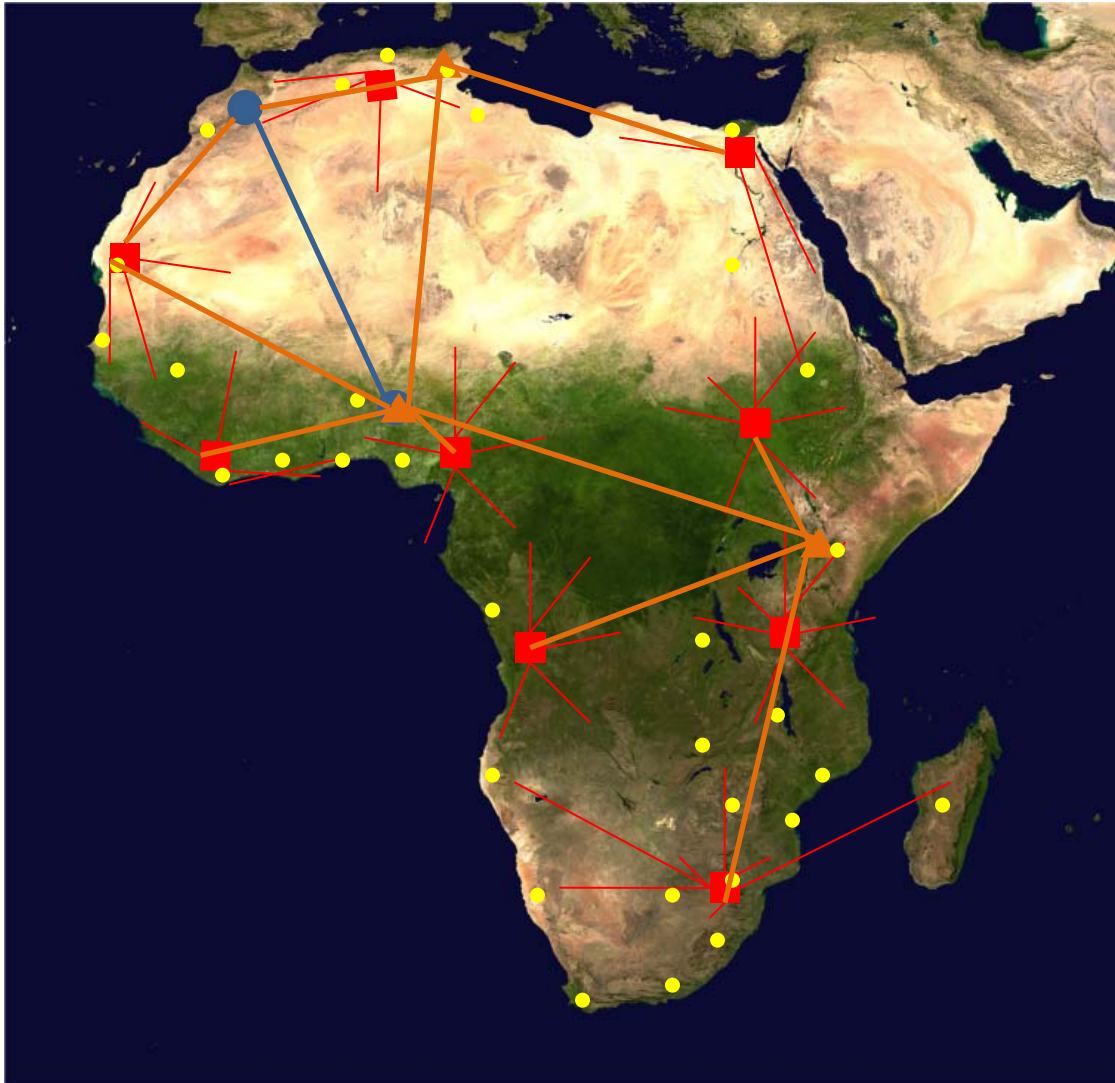
e-SPIDER – elements



Train tutors
Build content
Deliver capacity building to target groups (seminars, workshops, summer schools, block courses, near real-time exercises)
Facilitate formal qualification (link to academic institutions – UNEDRA)

point of learning (courses, university education) and authors (content providers) connected by e-Learning infrastructure

e-SPIDER – elements



Train tutors
Build content
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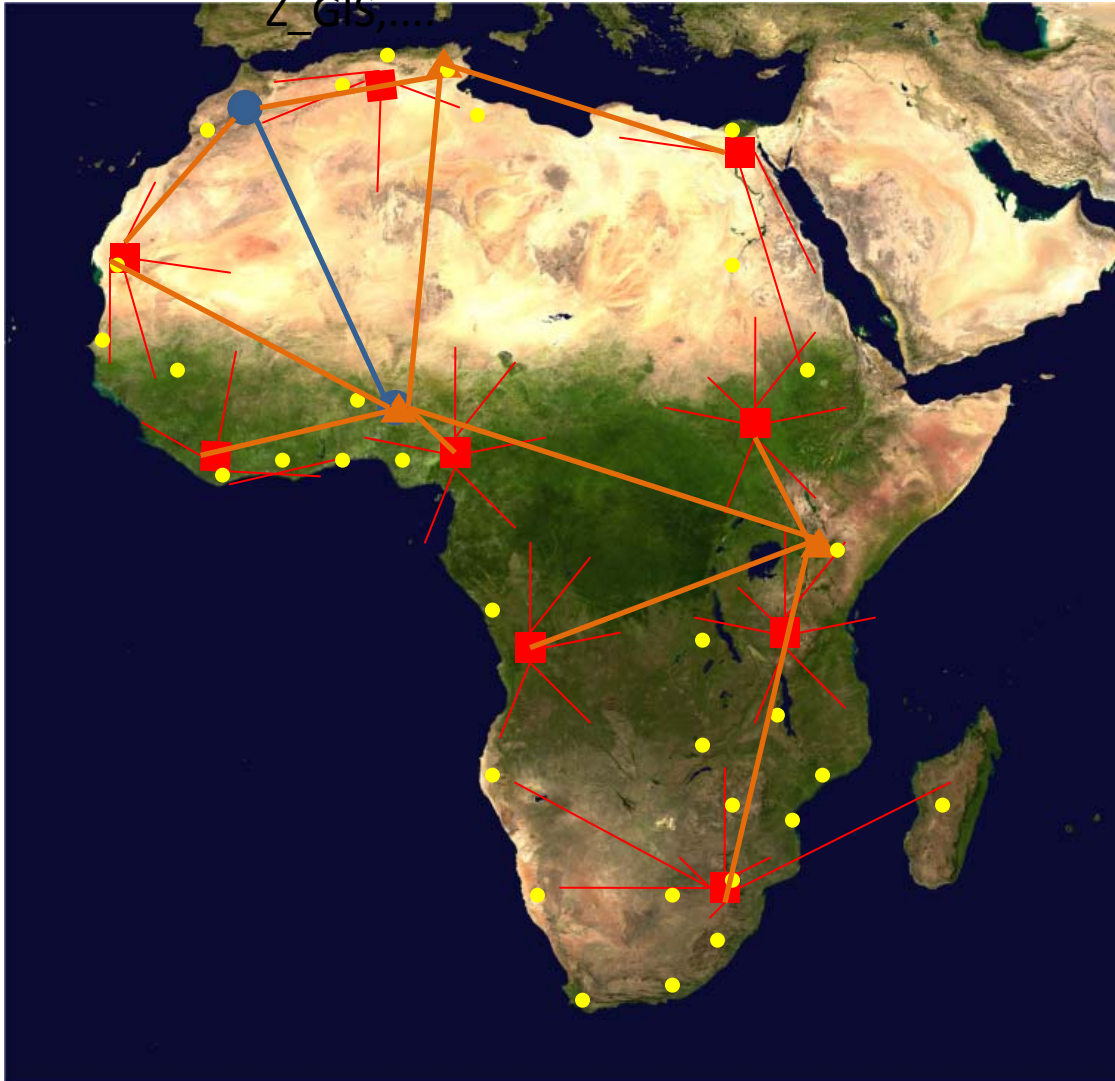
point of learning (courses, university education) and authors (content providers) connected by e-Learning infrastructure

e-Learning ≠ distant education

e-SPIDER – elements

ITC, ADPC, AIT,

Z_GIS,...



Train tutors
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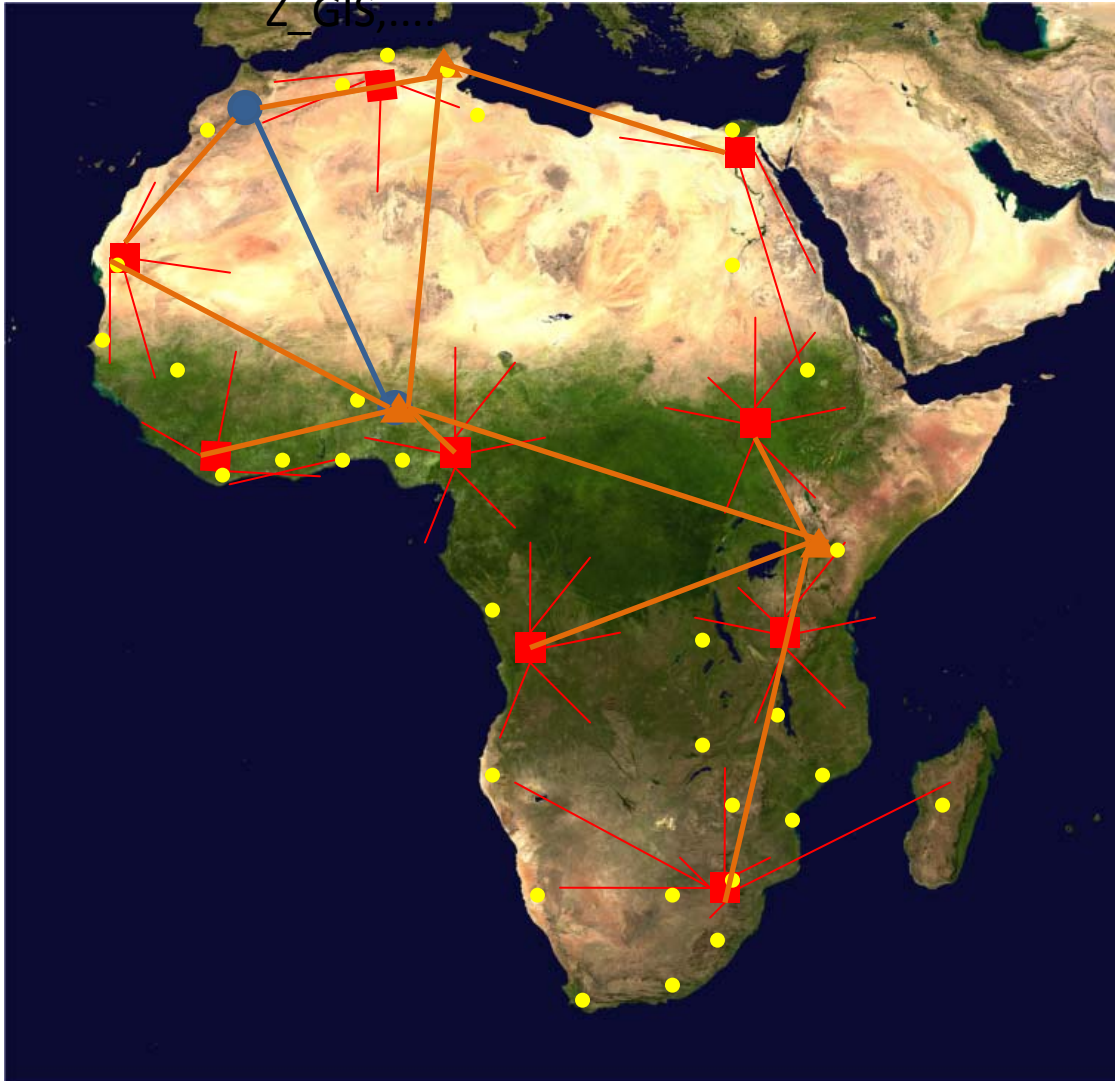
e-Learning ≠ distant education

Support learning on different levels (region, centres of excellence, international expertise)

e-SPIDER – elements

ITC, ADPC, AIT,

Z_GIS, ...



Train tutors
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(seminars, workshops, summer schools,
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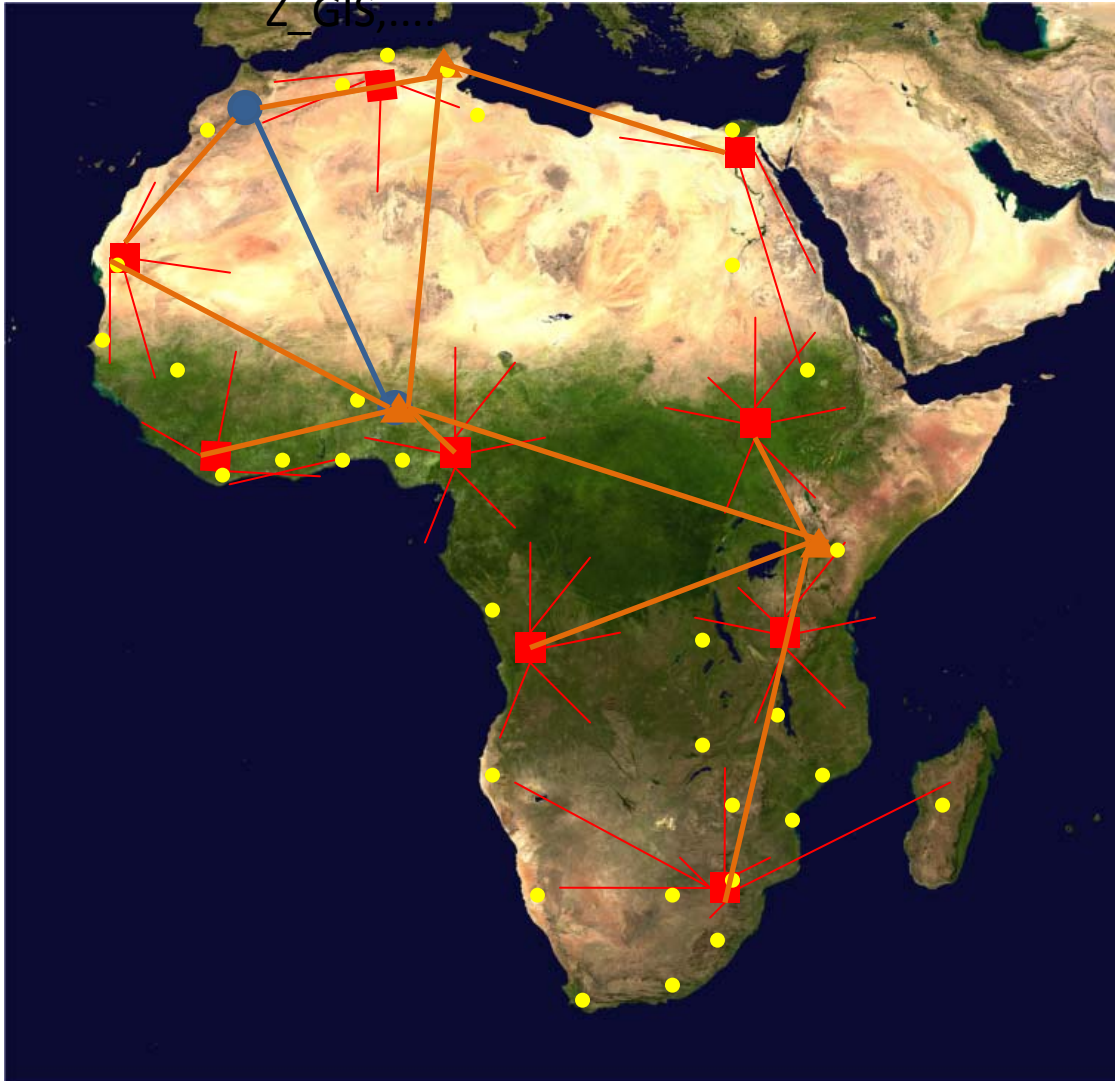
Support learning on different levels (region,
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Accreditation – only possible
through academic institutions:
UNU, ITC, UNIGIS, local
universities (UNEDRA)

e-SPIDER – elements

ITC, ADPC, AIT,

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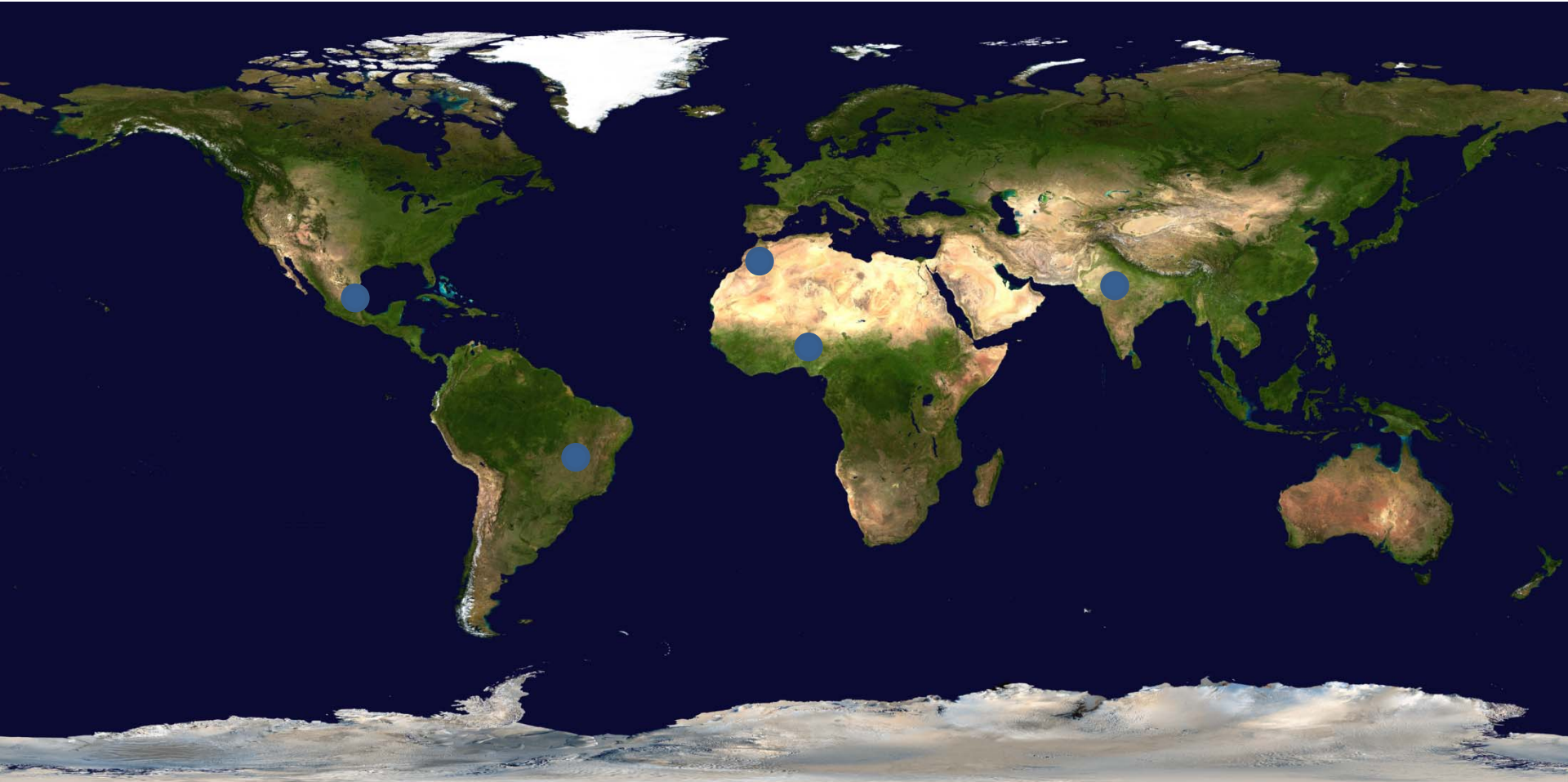
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Quality management:

- Feedback from participants
- ,quality assessment board‘
- external evaluation

e-SPIDER

Global Virtual Academy for Space-based Information for Emergency Response and Disaster Risk Reduction



Thank you

peter.zeil@sbq.ac.at, petra.jenewein@sbq.ac.at, josef.strobl@sbq.ac.at

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