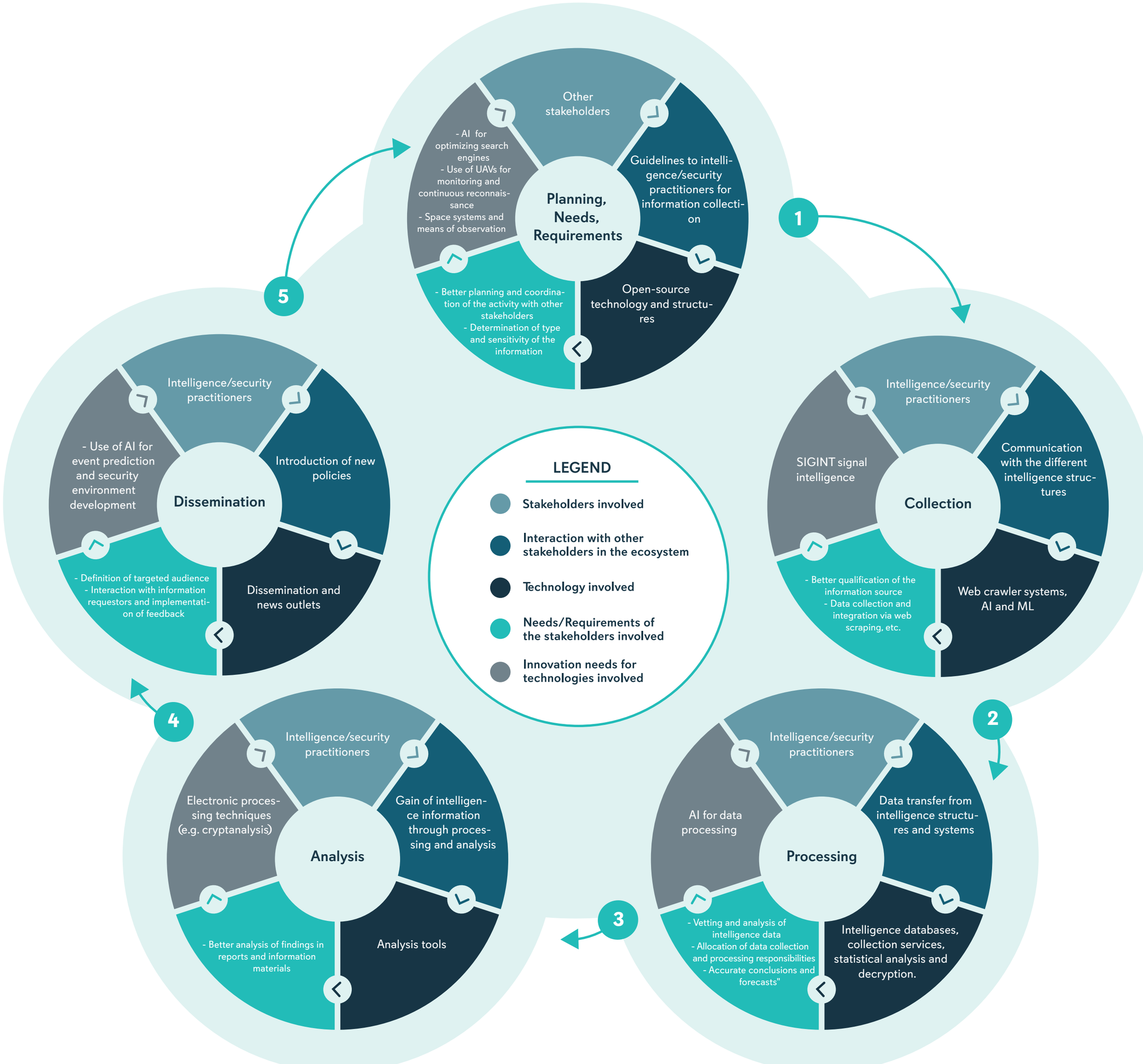
Planning, Needs, Requirements
Other stakeholders
Guidelines to intelligence/security practitioners for information collection
Open-source technology and structures
- Better planning and coordination of the activity with other stakeholders
- Determination of type and sensitivity of the information
- AI for optimizing search engines
- Use of UAVs for monitoring and continuous reconnaissance
- Space systems and means of observation
1
Collection
Intelligence/security practitioners
Communication with the different intelligence structures
Web crawler systems, AI and ML
- Better qualification of the information source
- Data collection and integration via web scraping, etc.
SIGINT signal intelligence
2
Processing
Intelligence/security practitioners
Data transfer from intelligence structures and systems
Intelligence databases, collection services, statistical analysis and decryption.
- Vetting and analysis of intelligence data
- Allocation of data collection and processing responsibilities
- Accurate conclusions and forecasts"
AI for data processing
3
Analysis
Intelligence/security practitioners
Gain of intelligence information through processing and analysis
Analysis tools
- Better analysis of findings in reports and information materials
Electronic processing techniques (e.g. cryptanalysis)
4
Dissemination
Intelligence/security practitioners
Introduction of new policies
Dissemination and news outlets
- Definition of targeted audience
- Interaction with information requestors and implementation of feedback
- Use of AI for event prediction and security environment development
5
LEGEND
Stakeholders involved
Interaction with other stakeholders in the ecosystem
Technology involved
Needs/Requirements of the stakeholders involved
Innovation needs for technologies involved