



APAVE ORGANIZATION & BL ENERGY – SUPPORT CENTER

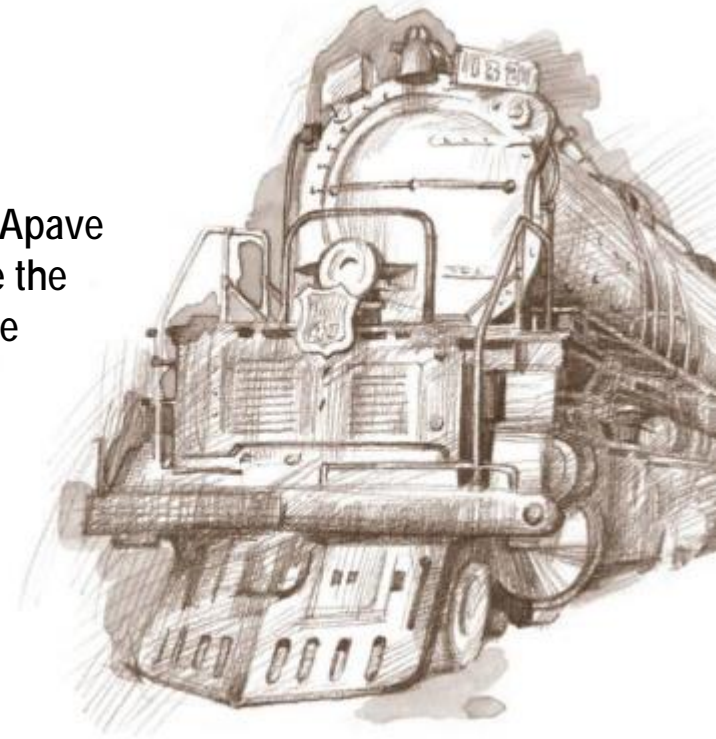


SKOPJE 2020

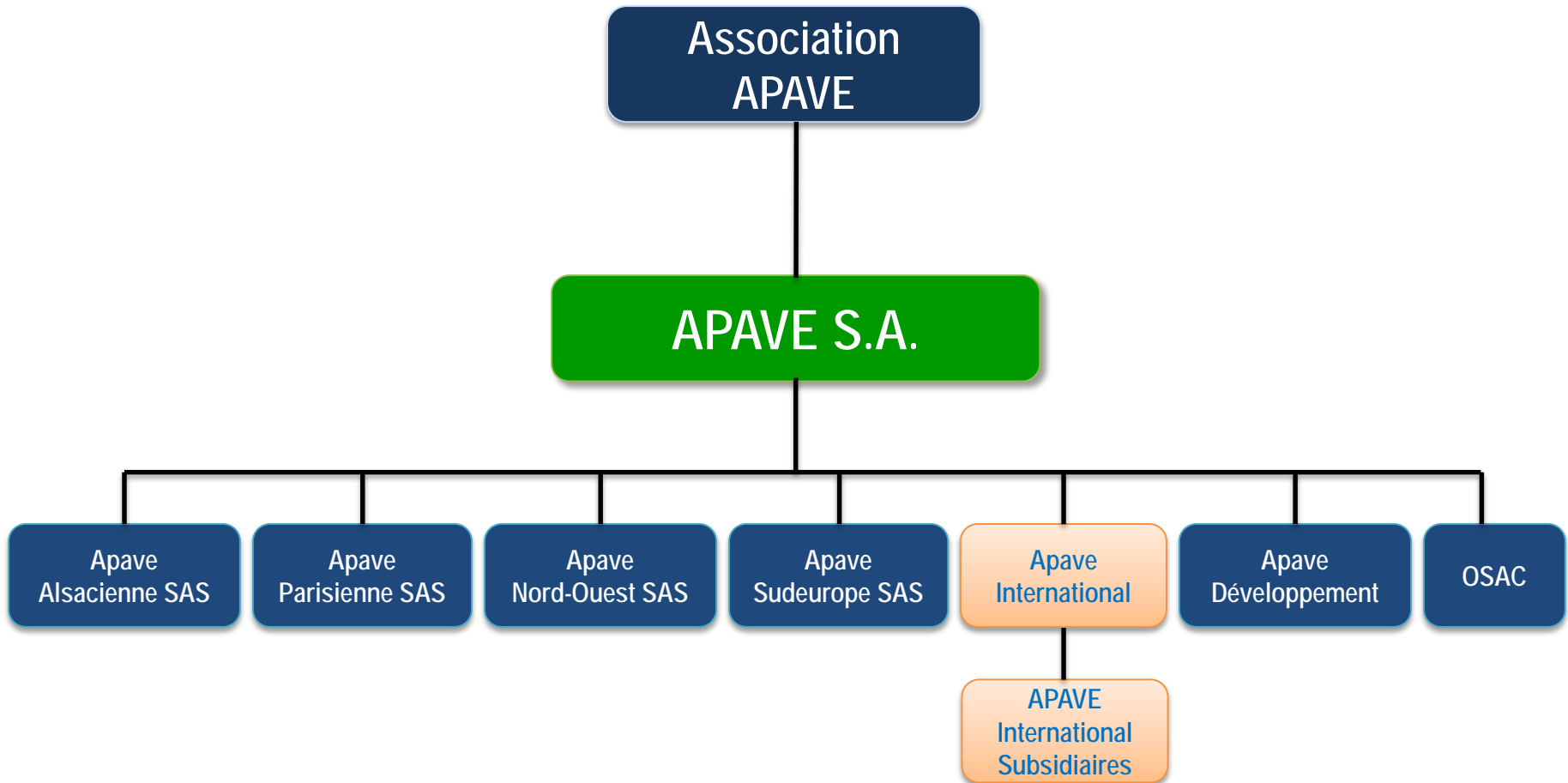
APAVE was founded in 1867 by the Industry owning and using Electric & Steam Devices within their production process to develop safety standards & inspection procedures, so as to ensure safe & reliable operational conditions of steam boilers.

150 years of risk management expertise

At the beginning of the XXth century, Apave skills expanded into all sectors where the safety of individuals, property and the environment was concerned



The risk management, the safety, quality & performance improvement are, today, the Apave's core expertise and business.



Inspection



Civil Engineering



Training



Testing and Measurement

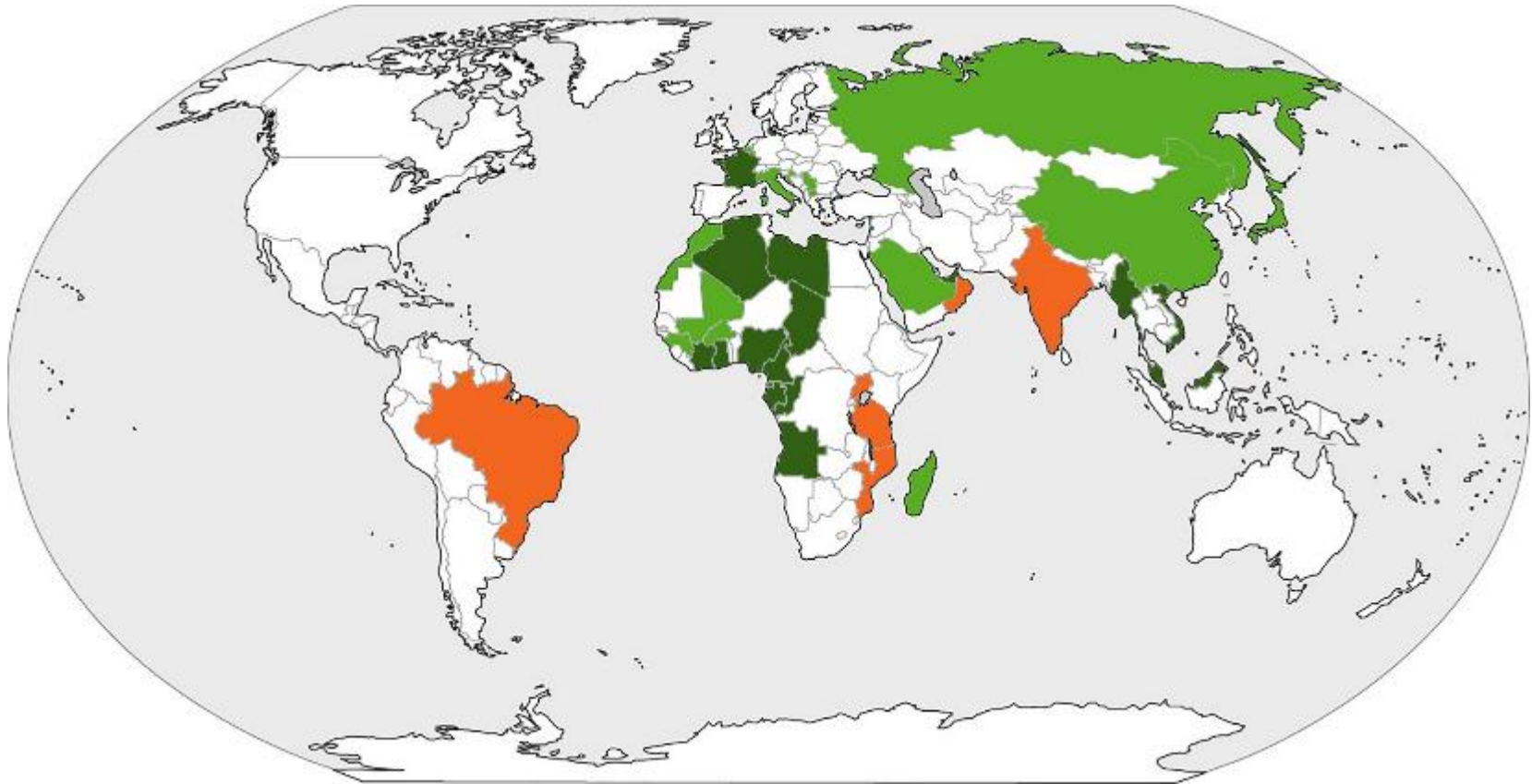


Consulting




...and all the expertise required to meet new quality and safety demands

An extensive international foot print



 BL Oil & Gas Active Subsidiaries

 APAVE Subsidiaries

 100% Owned Subsidiaries

- ✓ **African / Middle East Region**
Algeria, Angola, Burkina Faso, Cameroon, Chad, Equatorial Guinea, Gabon, Ghana, Ivory Coast, Lebanon, Madagascar, Mali, Mauritania, Mauritius, Morocco, Oman, Qatar, Reunion Island, Senegal, Tunisia, United Arab Emirates

- ✓ **Asian / Pacific Region**
Brunei, China, India, Japan, Malaysia, Myanmar, New Caledonia, Singapore, Vietnam

- ✓ **South American / West Indies Region**
Guadeloupe, Martinique

- ✓ **European Region**
Belgium, Croatia, Hungary, Italy, Macedonia, Monaco, Portugal, Serbia, Spain, Switzerland

- ✓ **Subsidiaries**
Indonesia, Thailand (AETS: International Technical Assistance, Consulting)
Australia, Brazil (CERTIFER, Railway Consulting and Certification Services)

Turnover: € 837M



EBITDA: € 58M



Employees /Customers

11.700 Employees



Providing services to 200.000 customers



3.000 Employees over the world



300.000 people trained



Apave in France

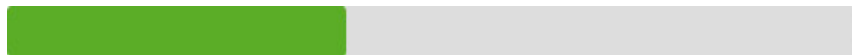
130 agencies



170 training centers



34 laboratories and test centers



21 French subsidiaries and investments



Apave abroad

50 subsidiaries and investments abroad



53 establishments abroad



APAVE is certified according to: ISO 9001, ISO 14001, ISO 18001, IRATA, SPRAT, OPITO, GWO
Membership: API, AWS, NACE, SSPC, CIA, LEEA, DROPS and IADC
Class approvals: ABS, DNV-GL, Lloyd's Register, BV, CRS, VR



Conventional and
Advanced NDT
Services



Inspection and
Calibration



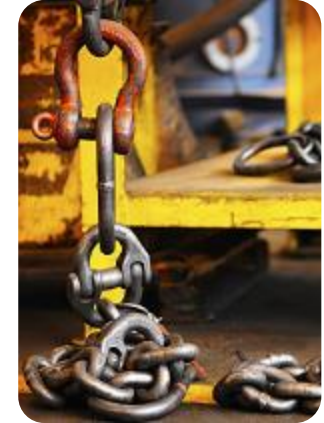
Inspection of OCTG
Oil Country
Tubular Goods



Rope Access
Services



Inspection of
Lifting Equipment
and Machinery



Inspection of
Electrical Installations
(ATEX, CP, DCVG...)



RBI and Integrity
Assessment



Inspection of Offshore
Installations: FPSO,
MODU, Fixed Platforms



Training



Painting and Blasting
Services





ENL, Russia - PAUT corrosion detection on Crude Oil Storage Tank TAR Dekastri Export Terminal



TEPB, Brunei - LRUT inspection on 42" Slug Catcher



BSR, Vietnam - Tube inspection on Air Fin Cooler



TEPB, Brunei - Scanning Storage Tank dents using 3D Laser camera - Creaform



JVPC, Vietnam - Rope Access - LRUT and UTM from 3" to 16" pipes - CPC RANG DONG Platform



MODEC, Ghana - Rope Access - Eddy Current on Welds, Helideck Structure Fatigue Critical Joint - KWAME NKRUMAH FPSO M21



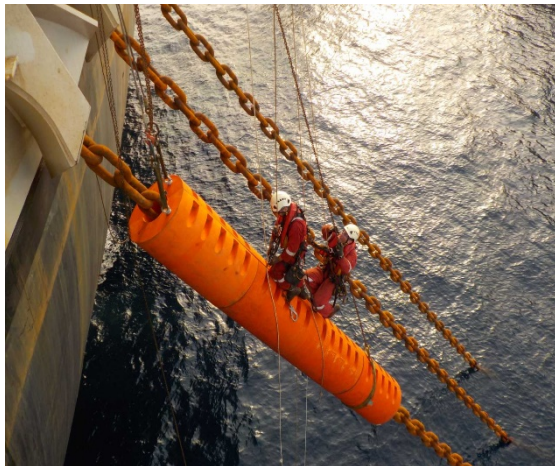
TOTAL E&P Brunei - SRUT on Monolithic Isolation Joint



SHELL, Gabon - Vessel Corrosion Mapping using RMS and UT



TOTAL E&P Angola, FPSO "CLOV" – Tube Inspection



MODEC, Ghana – Rigging Services, Kwame Nkrumah FPSO M21



Marathon Oil, EG - Visual and MPI inspection after pitting repair - Storage tanks



ExxonMobil, EG – Tank Integrity survey FPU ZP



ExxonMobil, EG - Mooring chain's inspection according to ABS requirements



TOTAL E&P Congo – Complete Rig Inspection



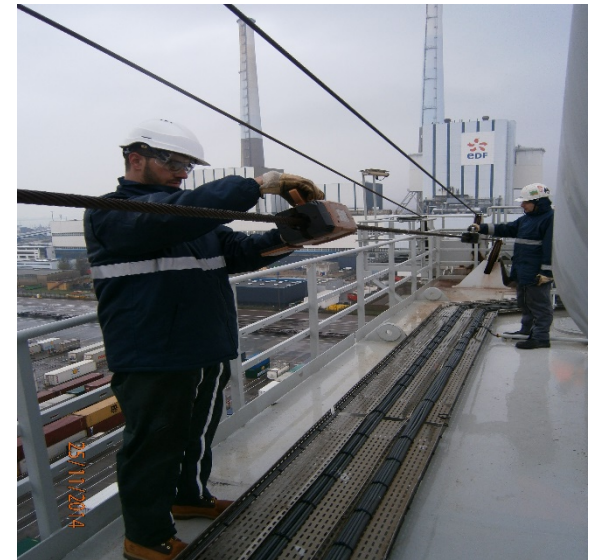
HESS EG, Bata Telecommunication Mast Structural/Corrosion Survey



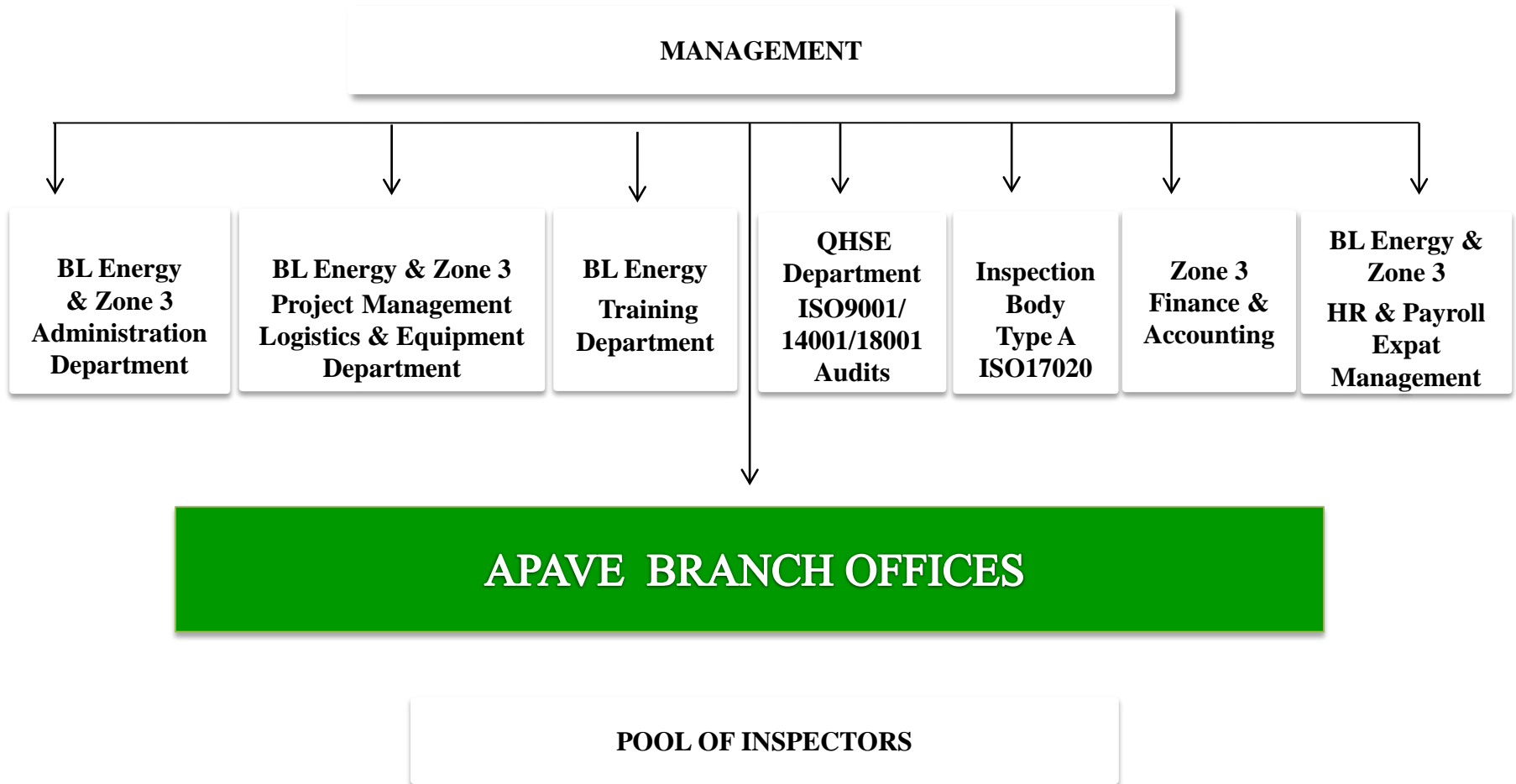
MEGI ExxonMobil, EG – FPU ZP Coating Maintenance



COTCO ExxonMobil, Cameroon – FSO Kome Kribi 1 Coating Maintenance



Technip Flexi, France – Lifting Inspection using Wire Rope Tester



Sales & Marketing

- “Door-to-door” sales and marketing; In-depth presentations of company technical capabilities; creation of a client network & sharing of important contacts, commercial follow-up; Trade shows, conferences and events presentations.

Commercial Organization

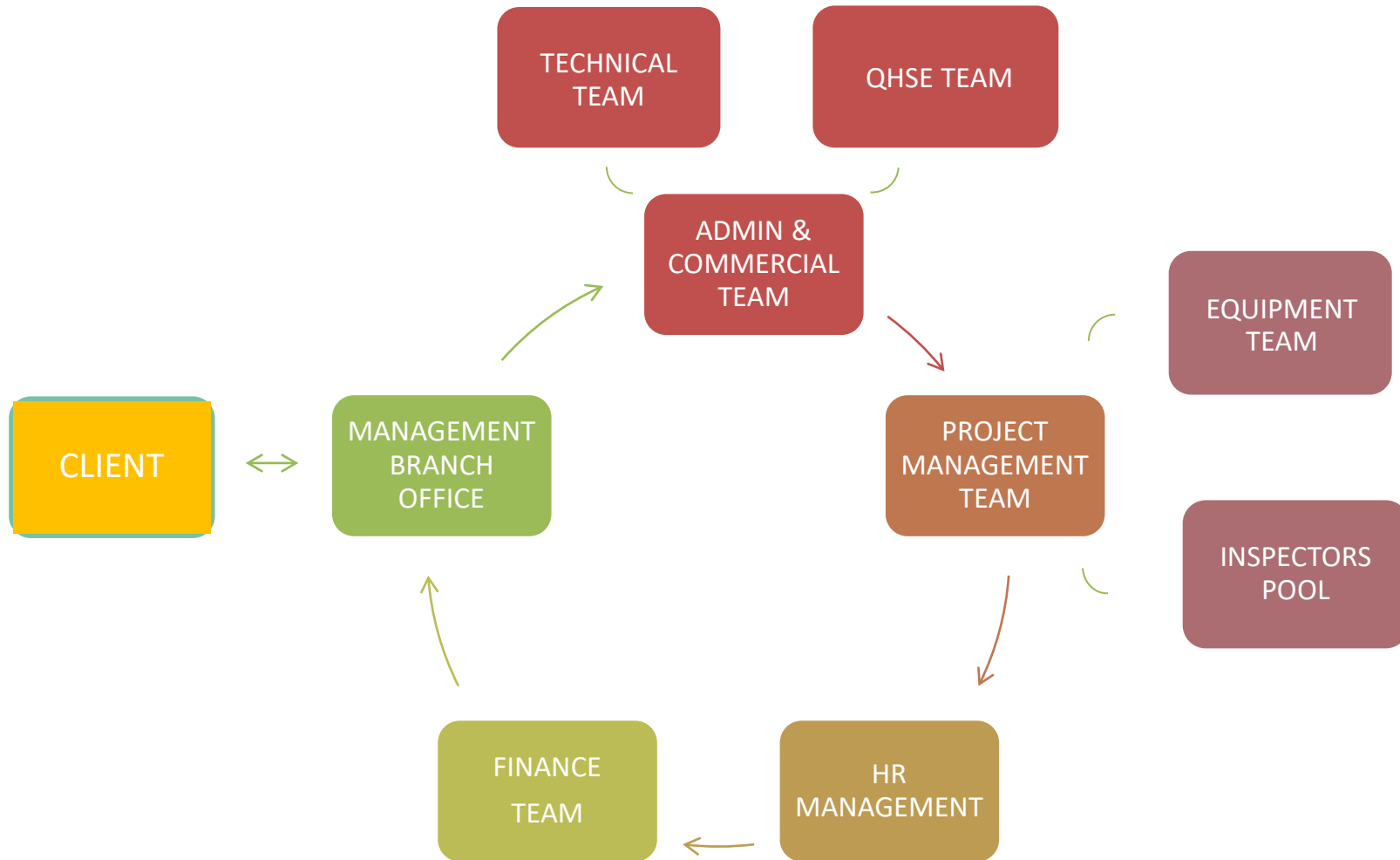
- Preparation of large Tender Documentation Bids for Framework Agreements & quotations for small On-Call projects, market analyses, pricing strategy, vendor registrations in the Oil & Gas industry on a global level.

Overall Inspection solution

- Technical advice and guidance for APAVE subsidiaries or the Final Client

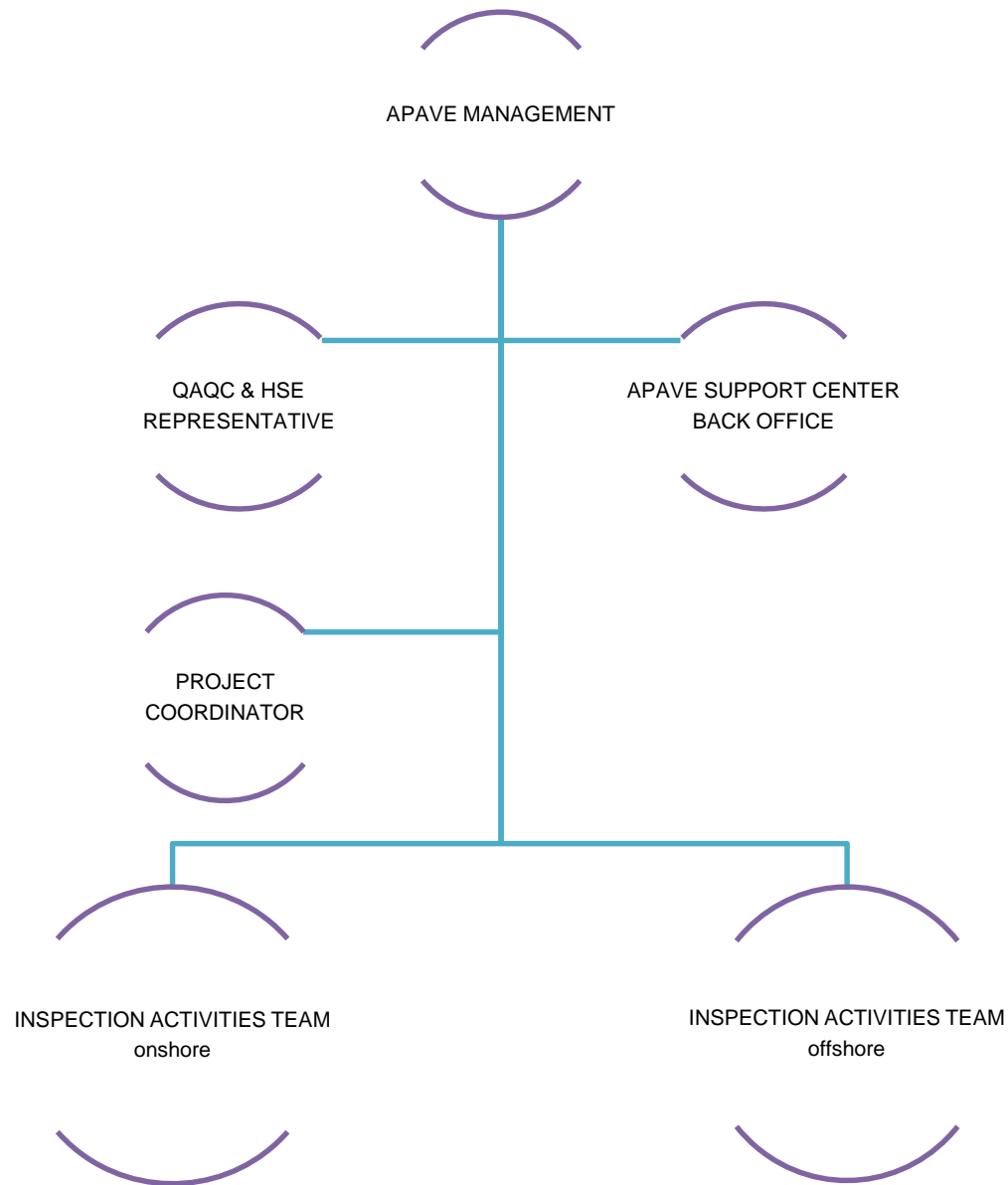
Project Management

- Project planning & execution which includes provision of trained & qualified inspection personnel, certified equipment, logistics organization and all the details related to the upcoming inspection projects

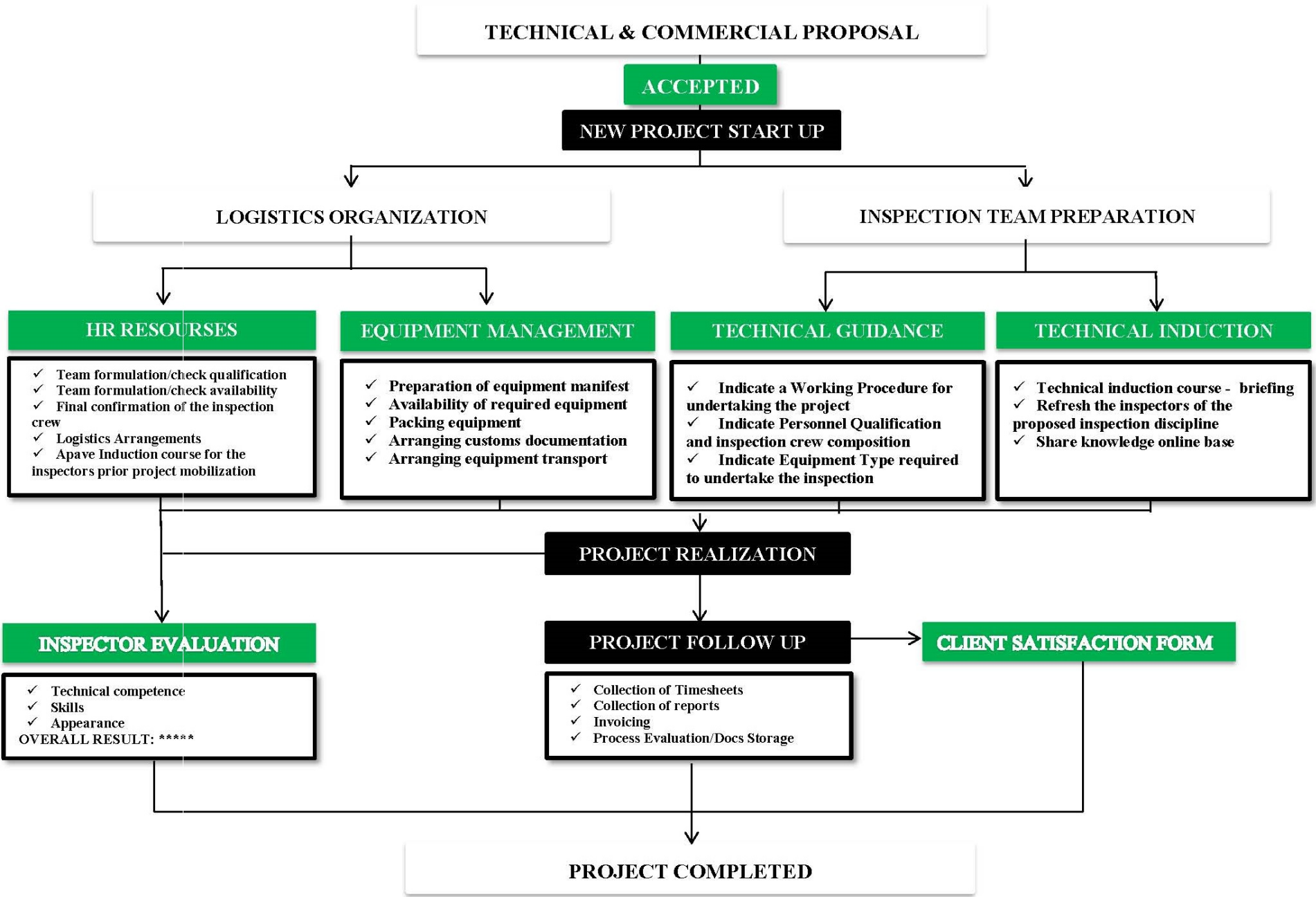


<http://apave-support.com/chart/v2/>

Preview of the information flow among departments - use of general e-mail addresses for higher efficiency, 24/7 support & quick response and improved transparency



BL Energy Project Management Cycle



APAVE offers scholarships to students from the Faculty of Mechanics interested in starting a carrier in APAVE and developing their professional knowledge and skills in an international environment.

The scholarships are available to students in their 3rd and 4th year od studies and employment would be offered only upon completing the graduate studies.

APAVE offers compensation and study materials for the students during their studies.

➤ Tasks and responsibilities:

Equipment Department – Assistance in maintenance and management of the equipment for inspection

Administration Department - Assistance in technical support during commercial activities

Internal In-house Training – basic training courses in NDT



Internet portal: www.apave-international.com

THE APAVE.COM SITE HAS 3 OBJECTIVES:

- To respond promptly to the needs of our customers to encourage them to express their requests: "Your expectations"
- "About Apave" through the Apave institutional presentation and our news (customer feedback, etc.)
- Sign up for training courses and Technical Days and submit an order, in: "Your orders"

The site provides access to three other sites dedicated to training, recruitment and to international Apave customers.