

Exploring Opportunities for Consulting Offices for the Reconstruction of War Damaged Zones

ARAB ENGINEERING CONSULTANCY CONFERENCE

AMMAN – JORDAN

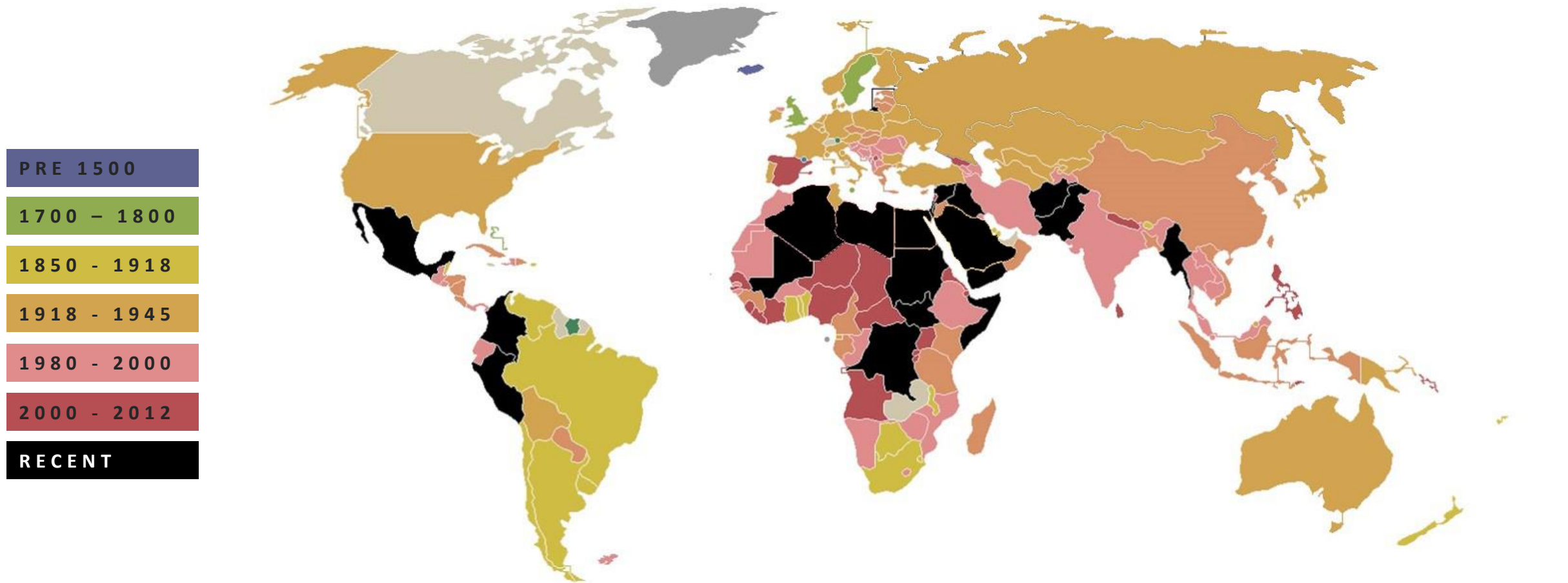
24-25/09/2019



AGENDA

- World Conflicts Over the Years
- Regional Conflicts
- Why Go to Post Conflict Countries
 - Open for Business
 - Potential Engineering Sectors for Growth & Venture
 - Funds & Donors
 - Humanitarian Purposes
- Challenges
- Tips for Operation

WORLD CONFLICTS OVER THE YEARS



SOURCE : REDDIT - WORLD MAP BY MOST RECENT WAR FOUGHT , UPDATE : YEAR 2013 + WIKIMEDIA - ON GOING CONFLICTS AROUND THE WORLD , UPDATE : 3 MAY 2019

WORLD CONFLICTS OVER THE YEARS

Years, months or even days of conflict have damaging impact on almost every aspect of life..

People get killed, wounded, forced out of their homes and displaced..

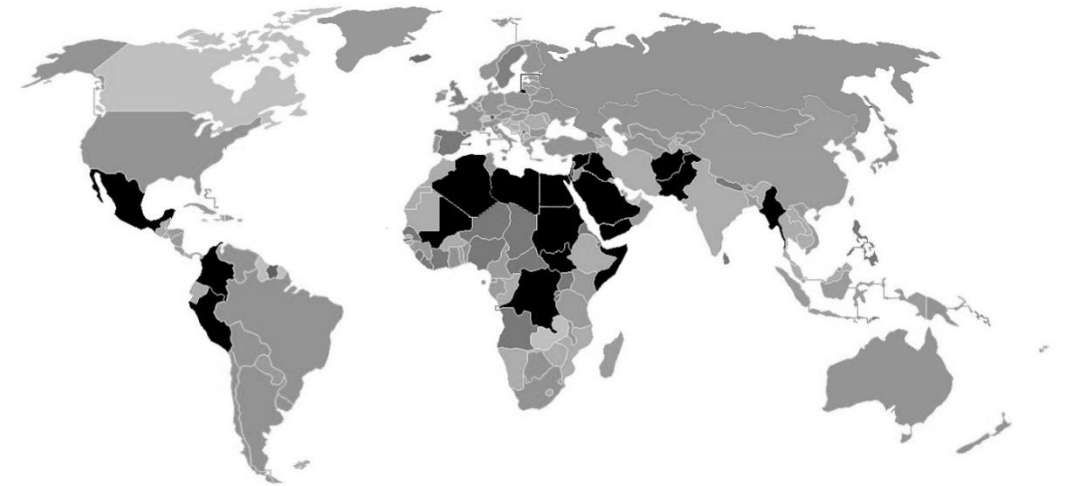
Infrastructure gets damaged and destroyed..

Life basic needs barely cease to exist..

Population goes below poverty line across most or all regions..

Youth are portrayed as a trigger for social upheaval and armed rebellions..

And unemployment routinely hoots up substantially..



REGIONAL CONFLICTS



FEW YEARS AGO
2-WARS IN MAINLY STABLE REGION



TODAY
INSTABILITY, CHAOS & MORE CONFLICTS

STABLE

UNSTABLE

CHAOTIC

CONFLICT

WHY GO TO POST-CONFLICT COUNTRIES

The supreme **Art of War** is to subdue the
enemy without fighting

Author - SUN TZU



BUSINESS PUTS LIVES TOGETHER AFTER WAR

**We Rehabilitate, Reconstructs & Restore .. in the Engineering Sectors and many others ..
through Unlimited Ventures & Opportunities**

As a Result of..

- Years of instability and violence
- Damaged infrastructure throughout the country
- Neglected maintenance and preservations of non-damaged areas.
- High unemployment rate leaving many skilled people out of jobs.

POTENTIAL ENGINEERING SECTORS FOR GROWTH & VENTURE

Multi – Engineering Sectors

HIGHWAYS & ROADS

WATER & SANITATION

STRUCTURES & BRIDGES

TRANSPORTATION & TRAFFIC

ENVIROMENT

ELECTRICAL & MECHANICAL

BUILDINGS & HOSPITALS

CONSTRUCTION SUPERVISION

CONSTRUCTION

POTENTIAL ENGINEERING SECTORS FOR GROWTH & VENTURE

Various Projects : Assessments, Design & Implementations

ENERGY

- ✓ Existing and damaged power facilities; power stations.
- ✓ Local distribution capabilities.
- ✓ Power networks, generators, transmission lines.

TRANSPORT

- ✓ Roads, highways, pavements, bridges and tunnels restoration.
- ✓ Traffic studies and plans.
- ✓ Road drainage channels.

WATER SANITATION

- ✓ Current conditions of water production, supply and quality
- ✓ Possible contaminations (sewers & water distributors).
- ✓ Solid waste disposal & Wastewater collection & treatment.

ENVIROMENT

- ✓ Land & Resources use
- ✓ Environmental Impact Assessments
- ✓ Environmental Baselines

BUILDINGS

- ✓ Damaged hospitals, schools, down halls, religious buildings.
- ✓ Structural condition and methods of repair.
- ✓ Post -conflict housing and shelters.

CONSTRUCTION & SUPERVISION

- ✓ Supervision services for all projects under previous sectors
- ✓ Upgrades of outdated manuals, specifications, conditions.
- ✓ Materials and surveys.

FUNDS AND DONORS

From the Past..

“More than ever before in human history, we share a common destiny. We can master it only if we face it together. And that, my friends, is why we have the United Nations.” - Kofi Annan



“You members of this Conference are to be the architects of the better world. In your hands rests our future.” – Harry S. Truman

FUNDS AND DONORS

International Fund Programs Support

The **Focus** of the UN efforts has shifted towards promoting an effective transition towards **Recovery and Reconstruction**.

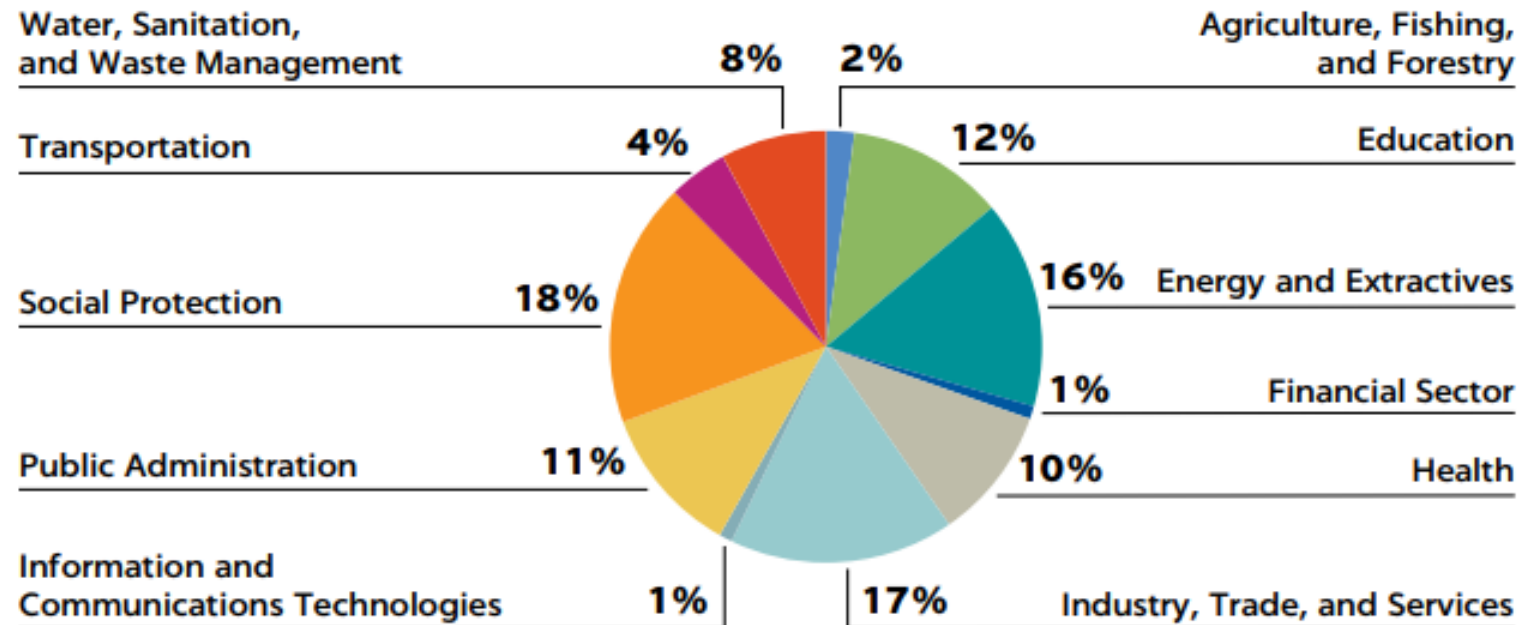
These Rehabilitation measures are carried throughout
a partnership between the World Bank and the several UN Development Groups

FUNDS AND DONORS

International Fund Programs Support – World Bank

According to the World Bank Annual Report – 2018 :

Distribution of **\$6.4 BILLION** in the **Middle East & North Africa**



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❑ IRAQ

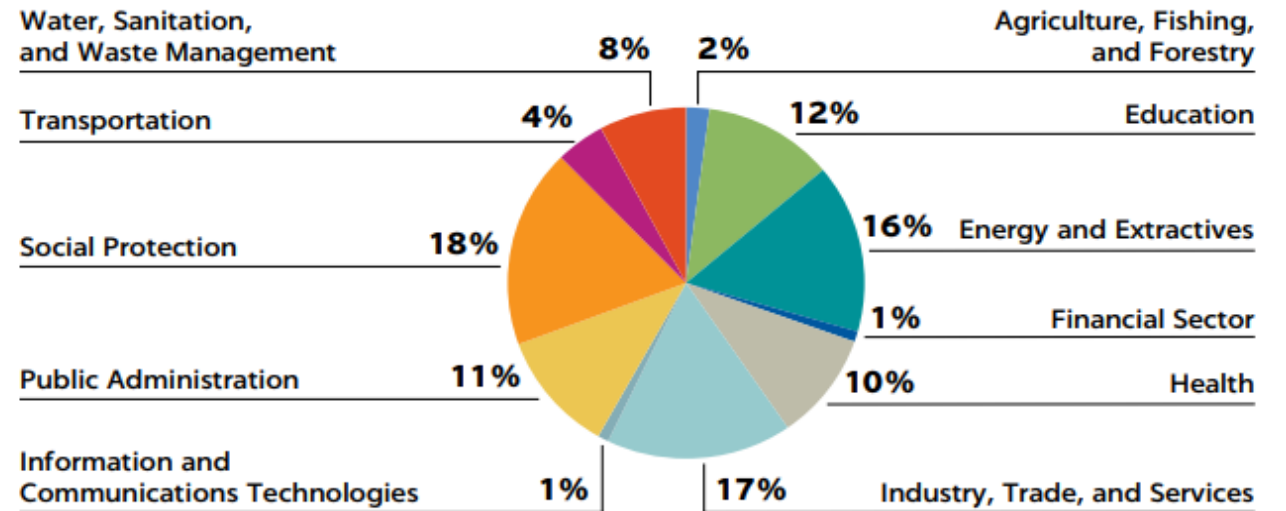
\$300 million development project/small-scale community;
\$200 million social protection for vulnerable populations;
\$400 million emergency operation for development project;
\$210 million Baghdad water supply and sewerage improvement.

❑ SYRIA (refugees)

\$250 million public transportation in Beirut surrounding areas.

❑ YEMEN

\$400 million health, nutrition, urban services and emergency electricity provisions.



\$5.9 Billions for IBRD

\$430 Millions for IDA

HUMANITARIAN PURPOSES

Take Action

Save Lives and Livelihoods

Alleviate Human Suffering

Maintain Human Dignity

UNITE ..



HUMANITARIAN PURPOSES

Examples of Humanitarian Support

Save Talents

By sustained employment, talents return to home countries.

Candle Hopes

Support the future of the youth “career and living”

Create Jobs

Benefiting those in need solving “income” issues

Avoid New Conflicts

Security levels improves and conflict is less likely to ignite.

Improved Educational Systems

By building back schools and educational institutes

Improved Health Care

By building hospitals and care centers.

Bring back the Displaced

Through rehabilitation of buildings and infrastructure.

Unity

Bringing nations closer and united together

CHALLENGES

There is always Another one coming ..



CHALLENGES

What to Expect in War Damaged Zone .. and How to Overcome

SECURITY

PARTNERSHIP

IMPLEMENTATION

FUNDING

RESISTANCE

CHALLENGES

	REASON	RESULT	WAY-OUT
SECURITY	Remaining Explosives Terroristic Activities Violent Civilians Armed Militia	Offices Safe Zones Site Visits & Assignments Review Meetings Safe Transportation	Security Agencies Partnerships with Locals
PARTNERSHIP	Displaced Talents Cultural Diversities Matching Practices Regulatory Mechanisms	Availability of Experts Availability of Labs Outdated Softwares Deliverables Quality	Universities Collaboration Main Office Support Reviews & Follow-Ups Teams Training
IMPLEMENTATION	New Country Foregoing War Financials & Assets New Authorities	Legal Frameworks Modes of Contracting Country Familiarity Offices Registration	Solid Communication Research & Study Local Focal Point Adhere to Country Rules

CHALLENGES

	REASON	RESULT	WAY-OUT
FUNDING	New Country Foregoing War Financials & Assets	Unattractive for Venture Long Term Finances Fear of Discontinuity Clients Commitment	International Firms World Bank Non-Profit Organizations
LOCAL RESISTANCE	War Damages Government Interference Absence of Trust	Acceptance of Consultant Building Trust Support Implementation	Awareness Seminars JV with Locals Job Openings Development Evidences

TIPS FOR OPERATION

Awake the Greatness Within ..



TIPS FOR OPERATION

Market Research

Market needs, promising sectors, matching services, funding focus, competitors, culture.. Etc.

Networking

Establishing strong connections with authorities, stakeholders, local firms, local labs and national experts.

Local Laws & Regulations

Establishment of offices, minimum staff requirements, financial rules, documents, legal paper works .. Etc.

Types of Offices

For example, limited liability company or branch office of foreign country, ... etc. (sets the type of allowed works)

Services Permits

Per engineering sector; environment, construction, import, roads .. Etc.

Workers Permits, Visas & Agreements

Permits and visas for international experts.
Signed agreements for local staff.

Taxes & Profits

Taxation on services, income taxes, social security and others.

Financials

Minimum assets, banking, exchange rates, money transfer, net profits .. Etc.

Thank You !