Applied Data Science Capstone
Week 3
Capstone Project

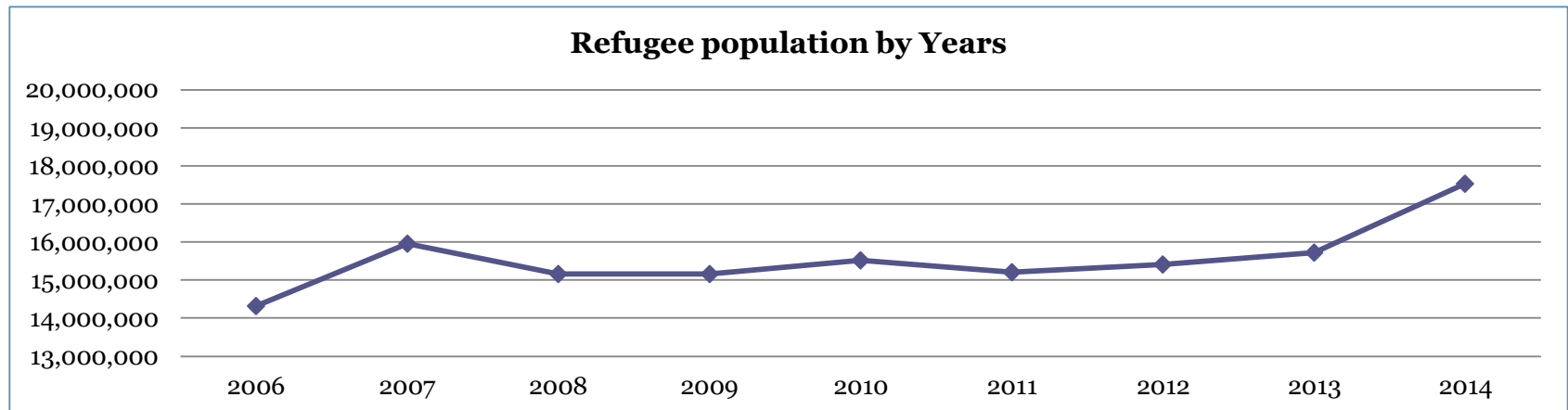# Refugees, Causes and Solutions

Provided by :

Khaled Waleed Mansour

I

Why (Refugees)?

- Global issue.
- Humanity issue
- Consequences for the future of the world
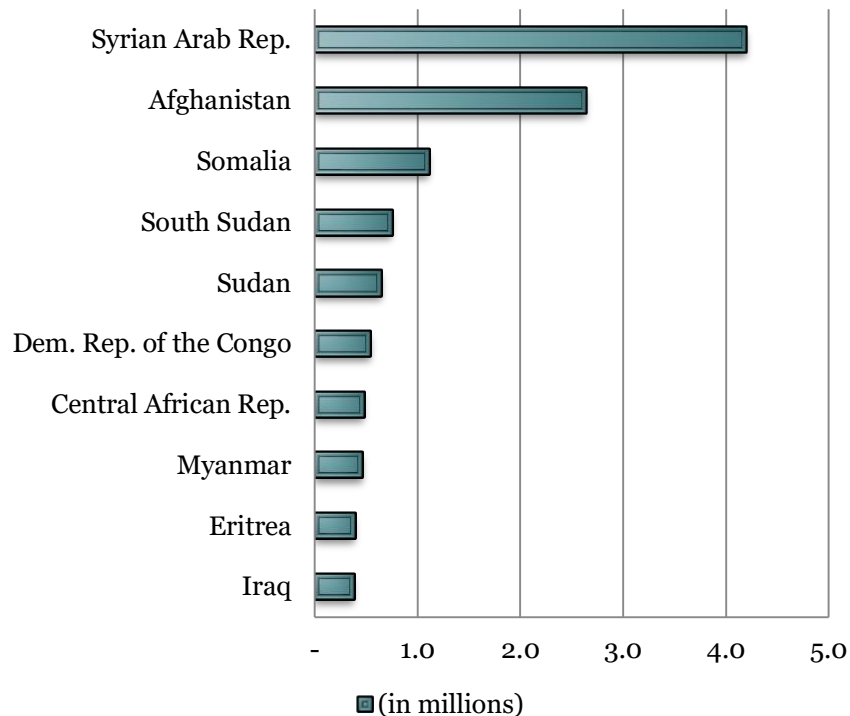- Situation is getting worse

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Where is the problem?

- Started since the First World War
- High Commissioner of the United Nations for Refugees (UNHCR)
- Geneva Convention of 1951
- Over 20 Milion refugees.

Refugee population by Years

Year	Population
2006	~14,300,000
2007	~15,950,000
2008	~15,200,000
2009	~15,200,000
2010	~15,500,000
2011	~15,250,000
2012	~15,400,000
2013	~15,700,000
2014	~17,500,000

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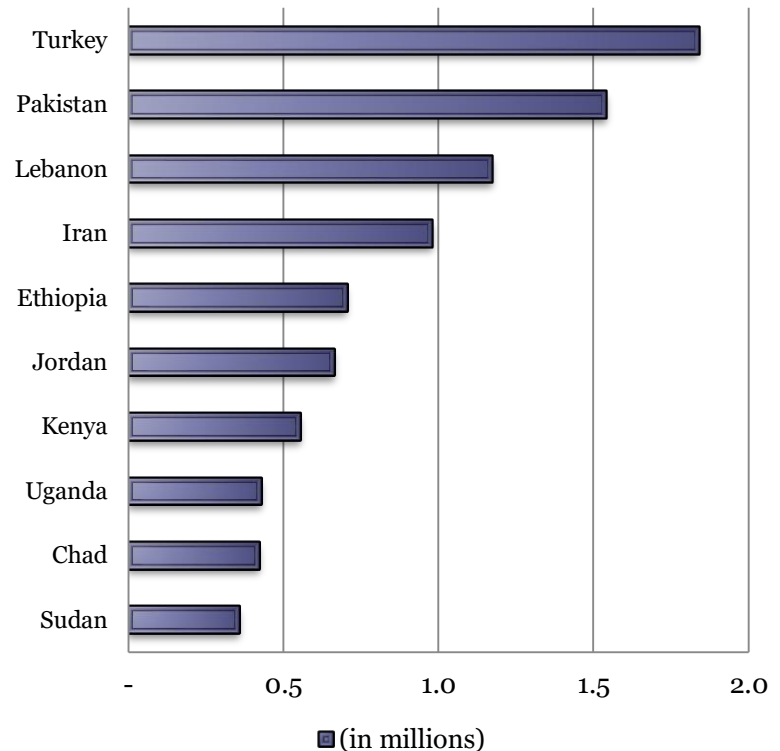
Where do the world's refugees come from? And where they Go

**Where do the world's refugees come from?
(mid-2015)**

Country	(in millions)
Syrian Arab Rep.	~4.2
Afghanistan	~2.6
Somalia	~1.1
South Sudan	~0.7
Sudan	~0.6
Dem. Rep. of the Congo	~0.5
Central African Rep.	~0.45
Myanmar	~0.45
Eritrea	~0.4
Iraq	~0.4

**Major refugee-hosting countries
(mid-2015)**

Country	(in millions)
Turkey	~1.85
Pakistan	~1.55
Lebanon	~1.15
Iran	~0.98
Ethiopia	~0.7
Jordan	~0.66
Kenya	~0.55
Uganda	~0.42
Chad	~0.42
Sudan	~0.37

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The percentage of refugee children by region, (End of 2004 -2014)

East and Horn of Africa	Central Africa - Great Lakes	West Africa	South Africa
50%	45%	56%	60%

Europe	Americas	Middle East and North Africa	Asia and the Pacific
48%	47%	26%	21%

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Refugees Effects

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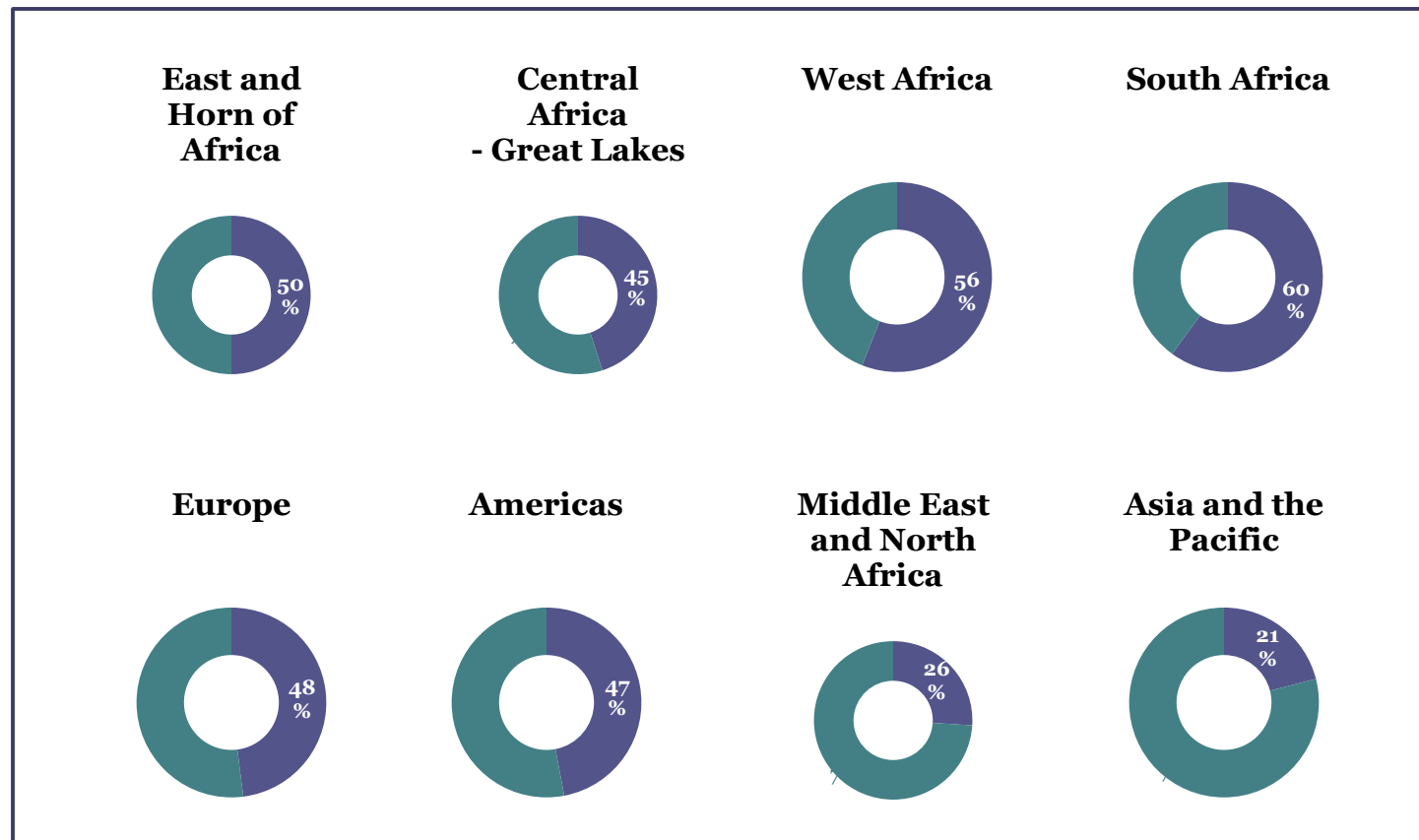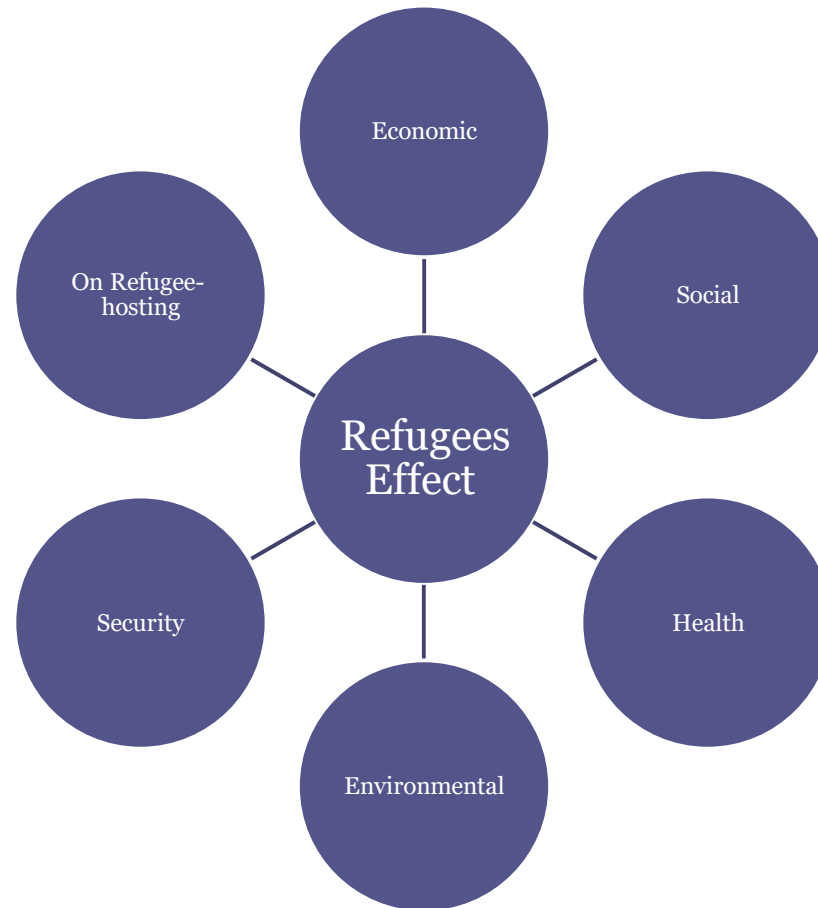
SSM for this Case

- Complexity
- Stockholders
- Messy situation
- Unclear Problem

Apply SSM

The problem situation unstructured.	**Debate with the stakeholders involved in the situation**	**Implementation of agreed changes**
Rich pictures, issues and primary tasks	**Comparing of conceptual model with the rich picture**	
Relevant systems and their root definitions	**Conceptual models**	

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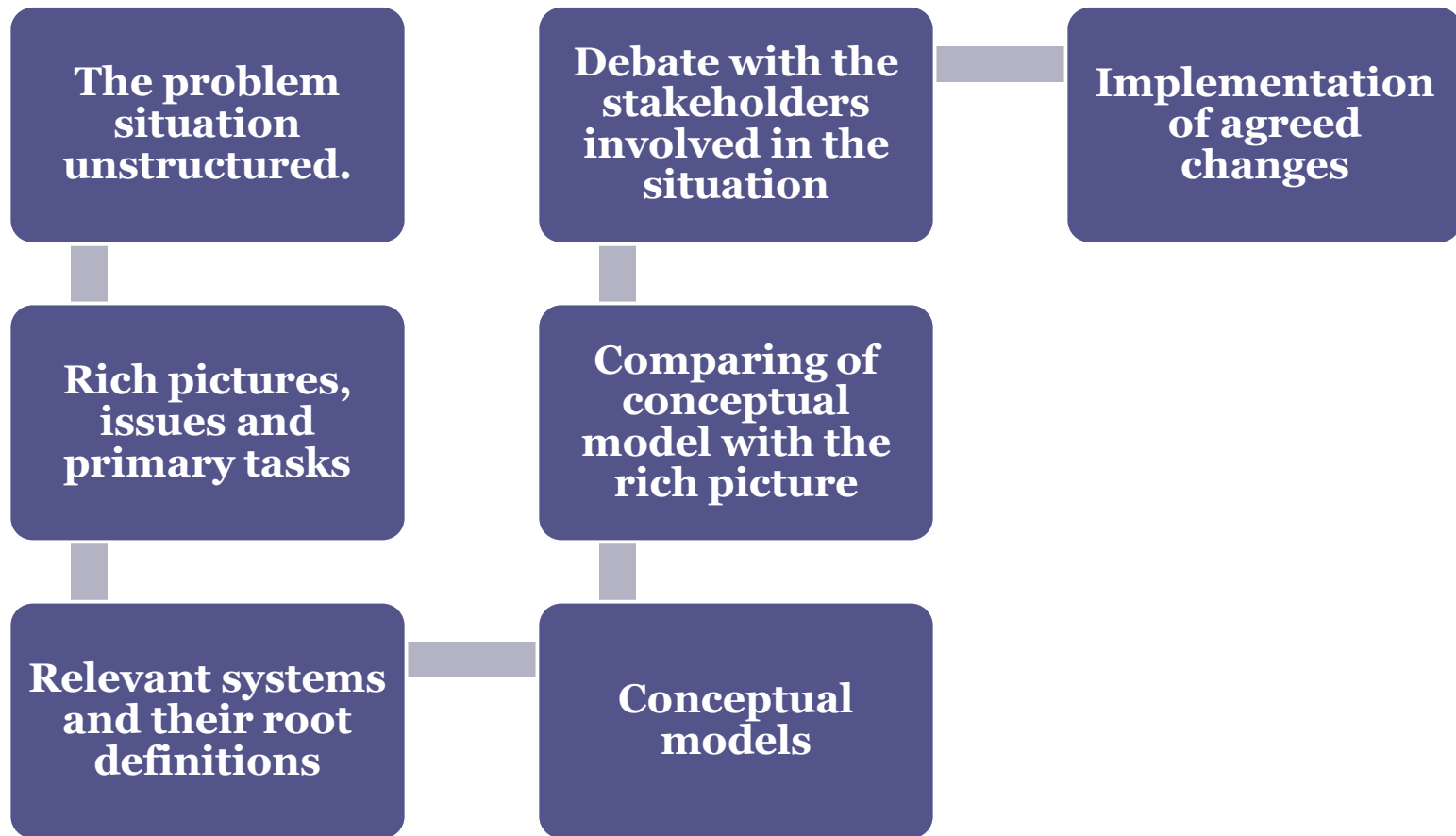
Project Log

- Stages of Find the problem
- Sources and references
- Problems and obstacles
- Application SSM

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Summery

- Recommendations
- What Add to me this experience
- Analyze problems

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