

NATO RESEARCH WORKSHOP

Identification of Potential Terrorists and Adversary Planning – Emerging Technologies and New Counter Terror Strategies



**Anticipate with foresight and be
prepared for the unexpected**

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**« Either you get hold of the future –
or the future gets hold of you »**

Patrick Dixon



Get in the mindset of a terrorist

Are we able to think with a **terrorist mindset**?

How can we learn **what drives them**?

How can we **be ahead** of their vision, motivation, strategies and modus operandi?

How can foresight processes help us to:

... explore **future environments** and what kind of terrorist attacks they might stimulate?



How can we imagine and pre-detect terrorist attacks?

Which methodologies could help to anticipate terrorist attacks and their modus operandi:

... Foresight methods such as **Scenario Planning, Wild Card Analysis**

... **High tech analysis** (cyber, big data, bio, nano etc.) and **low or simple tech analysis**

... Monitoring of their **social media**

... **Creativity methods** (from Brainstorming to the most unusual, but efficient techniques)

... new emerging methods



How to prevent terrorist attacks

Strategies and tactics such as:

... **pre-detecting / early warning**

... **infiltrating** their networks

... do what they do: **brainwash** their people

... **turning the mindset** of some key people

... using all new scientific discoveries in **brain research, psychology and behavioral sciences**

... and other new approaches?



The mind is like a parachute: it only works when it is open

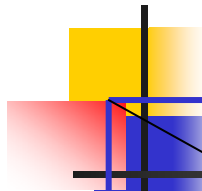


Question:

What might be the most unexpected and lethal terrorist attack you can imagine with your today's knowlegde of the issue?

- **What?**
- **Where?**
- **When?**
- **How?**
- **Why?**

Classification of Creativity Methods



<p><u>Trigger</u></p> <p>creativity principle</p>	<p>Association/Variation</p>	<p>Confrontation</p>
<p>Stimulation of Intuition</p> <p>Systematic Structuring</p>	<ul style="list-style-type: none"> • Brainstorming • Brainwriting Methods: 635, Idea Pool, Creaplan, Metaphores • Morphological Analysis 	<ul style="list-style-type: none"> • Lexicon method • Synectics • Confrontation methods: visual, acoustic, kinesthetic etc. • Morpholog Matrix

Intuitive Association Methods

Brainwriting = Brainstorming in writing
635 : 6 peoples develop 3 ideas and change their notes every 5 min.

Idea Pool : x peoples write one idea
On a sheet, put it in the center of a table;
Use the existing ideas as stimulation

Creaplan : x peoples write ideas on cards, take inspiration from other cards, structure them according to defined criteria

Metaphores : describe a problem in a metaphore, find ideas for the metaphore and transfer them to the problem





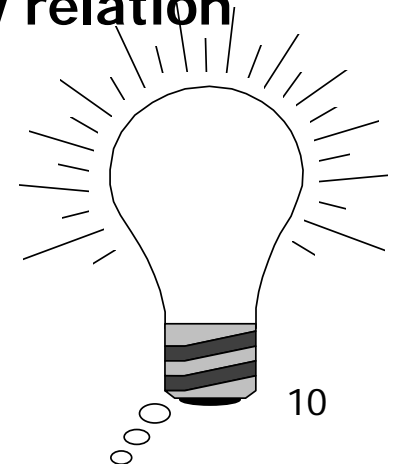
Intuitive Confrontation Methods

Lexicon Method : Look for a figurative term in a lexicon, analyse its characteristics, put it in relation with the problem and get inspiration from it for creative ideas

Synectics : Run a process of various analogies to divert from the problem and to insert new idea principles

Confrontation Methods (based on visual, acoustic, kinesthetic or olfactoric stimulation) : insert aspects without any relation to the problem - stimulate innovative ideas by:

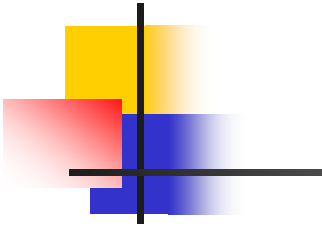
Art objects, photos, collages, sounds, music, smells, fragrances, material to touch....





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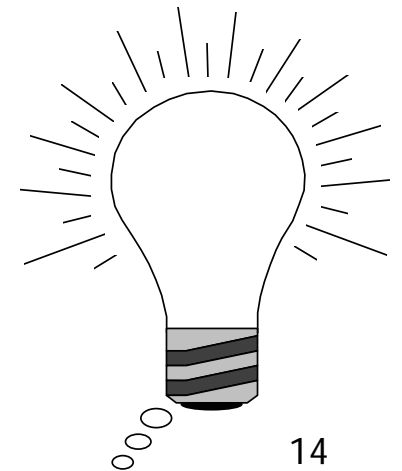


Systematic Structuring

Morphological Analysis

Parameters	Alternatives			

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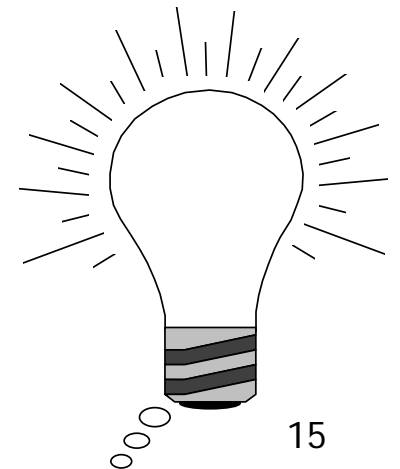


Systematic Confrontation Methods

Morphological Matrix

Parameter 1		Search fields		
Param. 2				
Strengths				

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How to run a successful idea generation



Start with Brainstorming and /or Brainwriting (the latter ideal for more timid or less eloquent persons, and to calm those dominating the group)

Conclusion: When the first ideas have been expressed, apply methods such as

- Lexicon method
- Confrontation methods: visual, accoustic, kinesthetic, olfactoric

Advantages:

- Rapid and efficient process
- Triggers stimulate innovative solutions
- A picture says more than 1000 words



Conclusion

How to be prepared for the unexpected

Continue high tech monitoring and research in IT, Bio, Nano...+ new emerging technologies - but don't forget the simple tactics and tools

Use social sciences (sociology, psychology), support research for « psycho-tools » and indicators for attitude and behavioral change

Work upstream: workshops with people at risk (losers, non-integrated in society, job- and aimless...) support NGO's giving them perspectives and guidance

Learn from the terrorists: workshops with ex-jihadists: integrate them in the upstream prevention



Conclusion

How to be prepared for the unexpected

Analyze and monitor all forms of social media; let young people do this job!

Use high tech approaches for manipulating and diverting their social media; hack their networks !

Public communication: inform about the risks and what everybody can do to prevent and how to behave in an attack. Communicate that terrorism is less lethal than the road

Develop and distribute terrorism emergency kits – train people in attack behavior (like earthquake behavior in Japan!)



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