



Connection and Capability: Social Cohesion and Soldier Performance Enhancement



The Social Dimensions of Enhancement

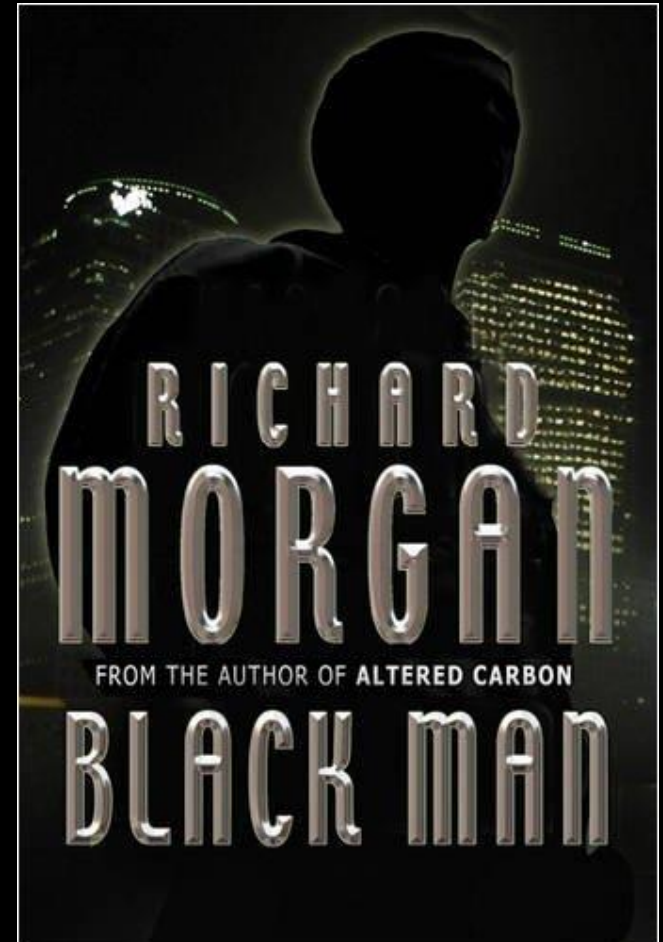
Human Performance Enhancement Workshop

8 June 2016

Major H. Christian Breede, CD PhD
Assistant Professor of Political Science
The Royal Military College of Canada



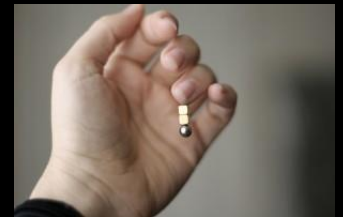
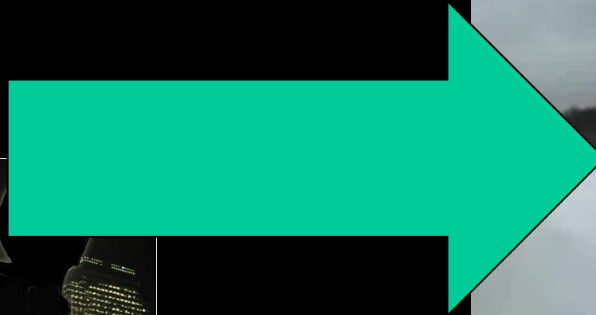
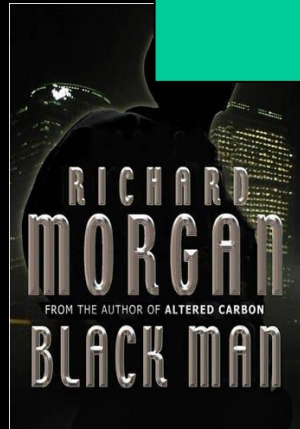
From **this** ...



... to this



The Puzzle





The Context

Transhumanism

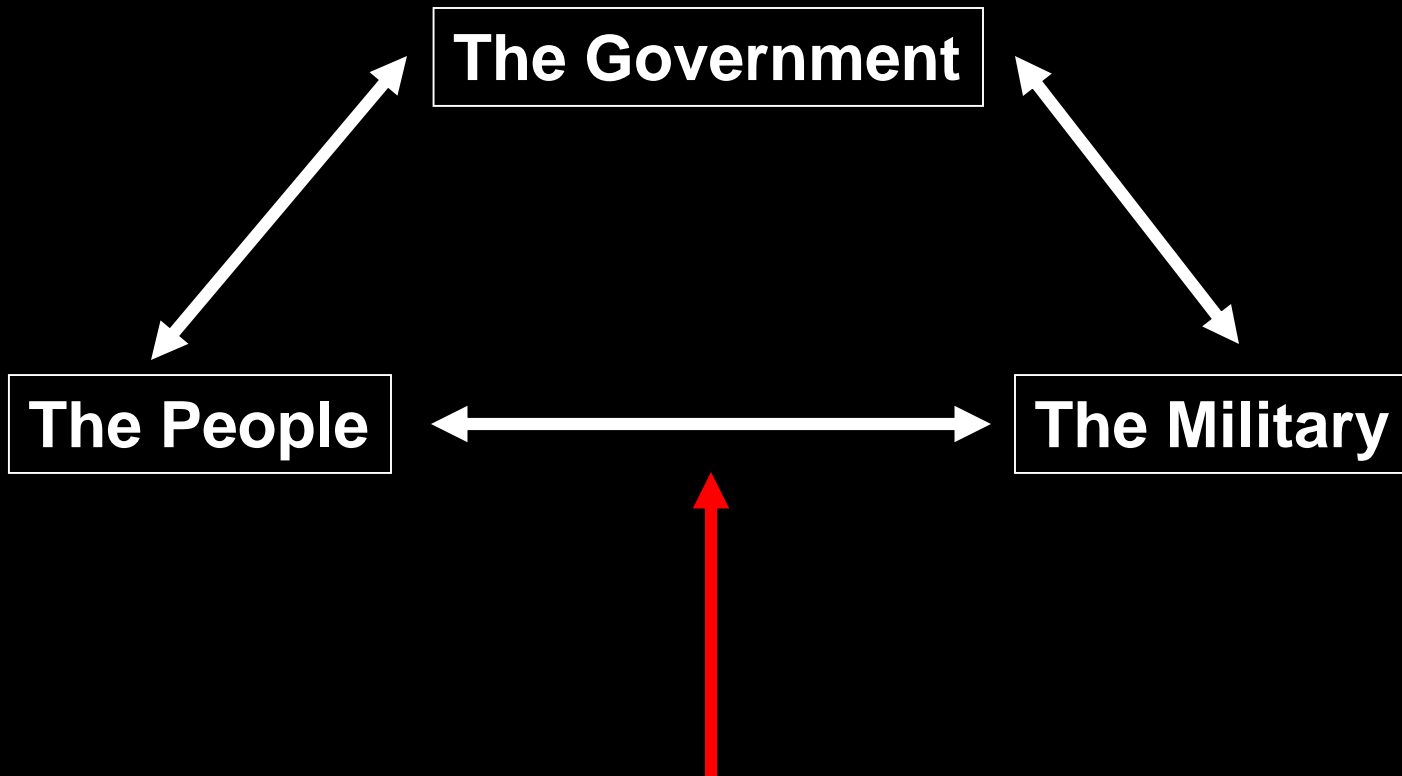
Rehabilitation

**Autonomous
Systems**

Ethics

Civ-Mil



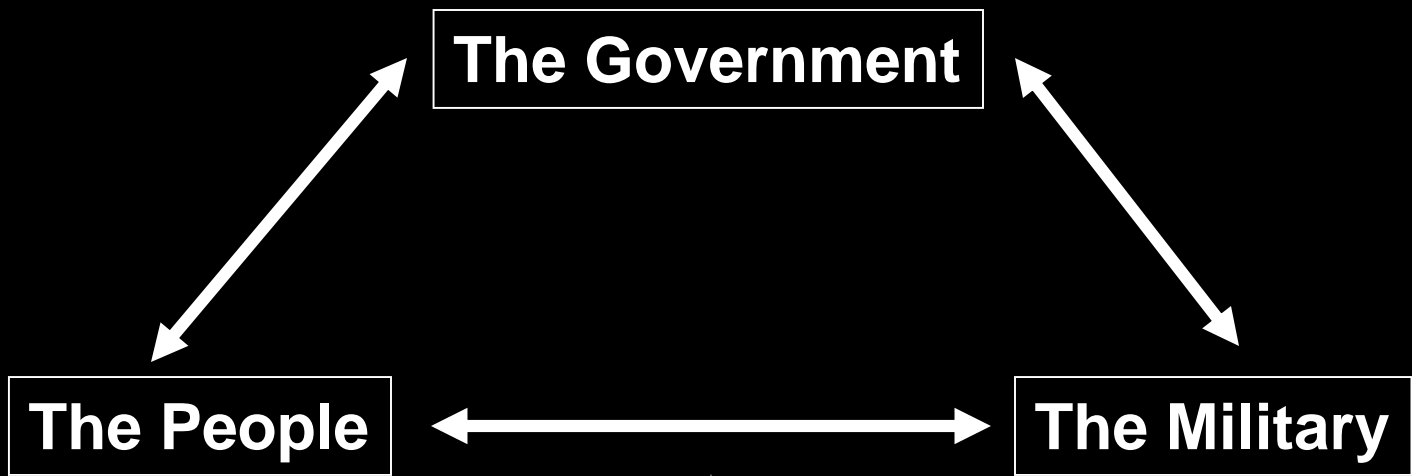


The Government

The People

The Military

stressors



stressors

separation

mobility

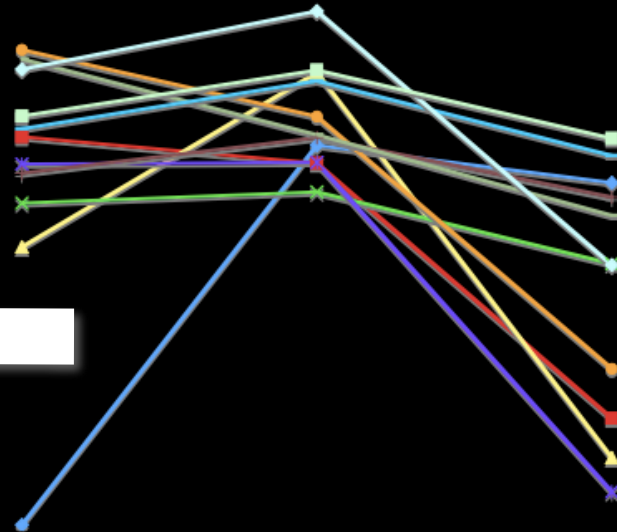
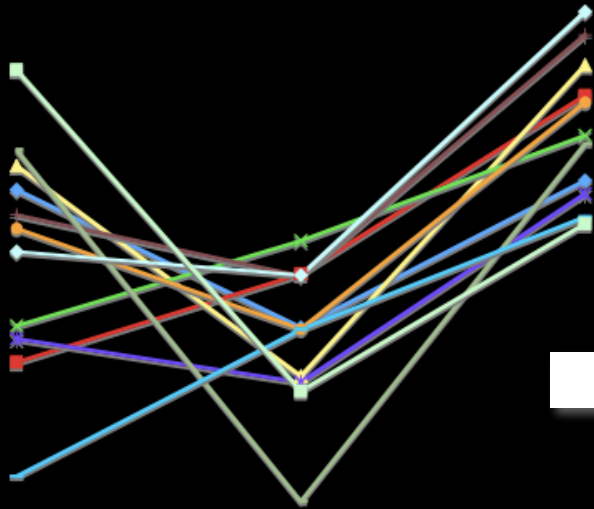
risk

enhancement

The Theory

"Ya bin to Iraq yet?"

1 in 4



The Hypothesis

Two risks ...



castification



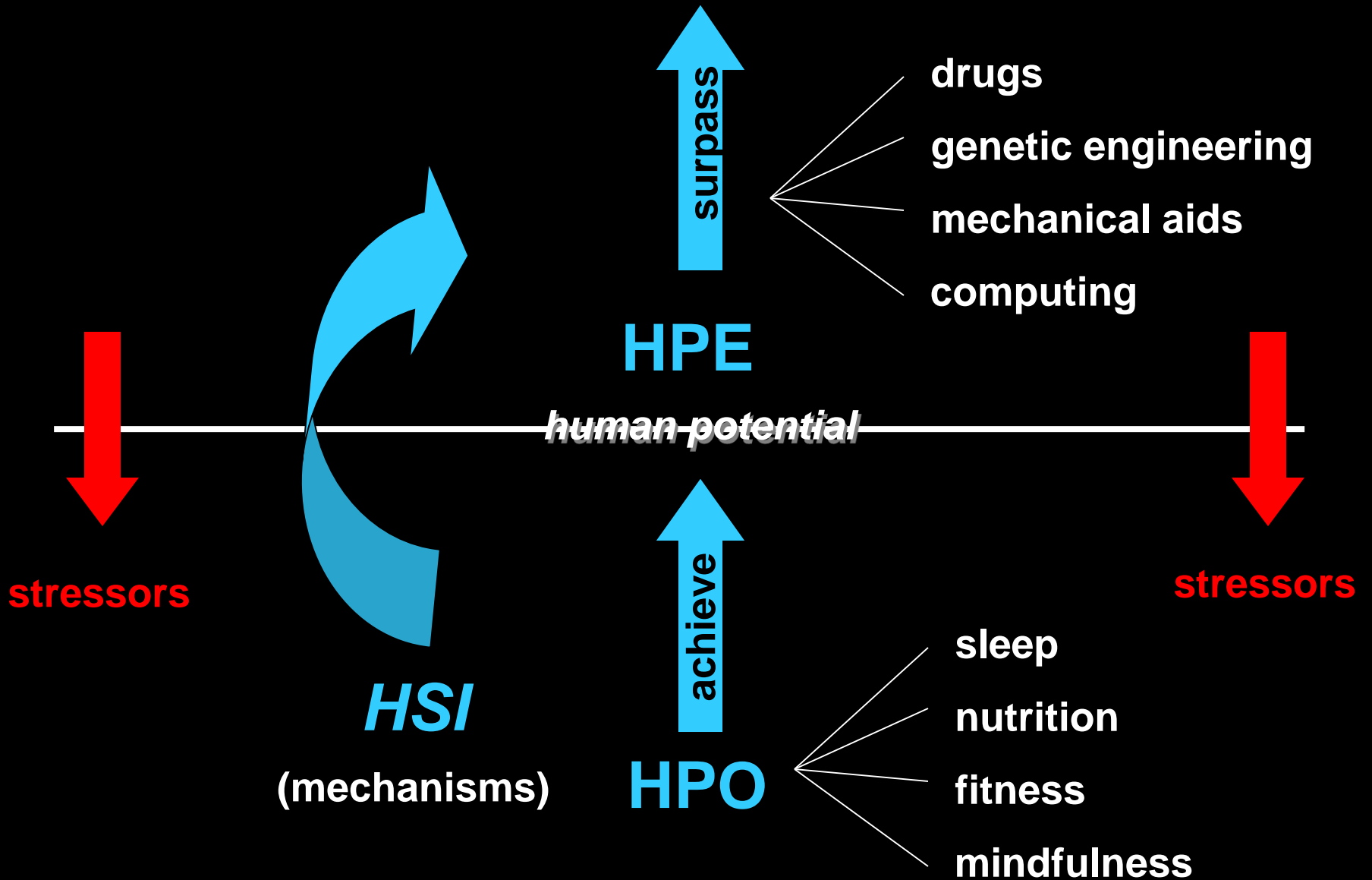
adventurism

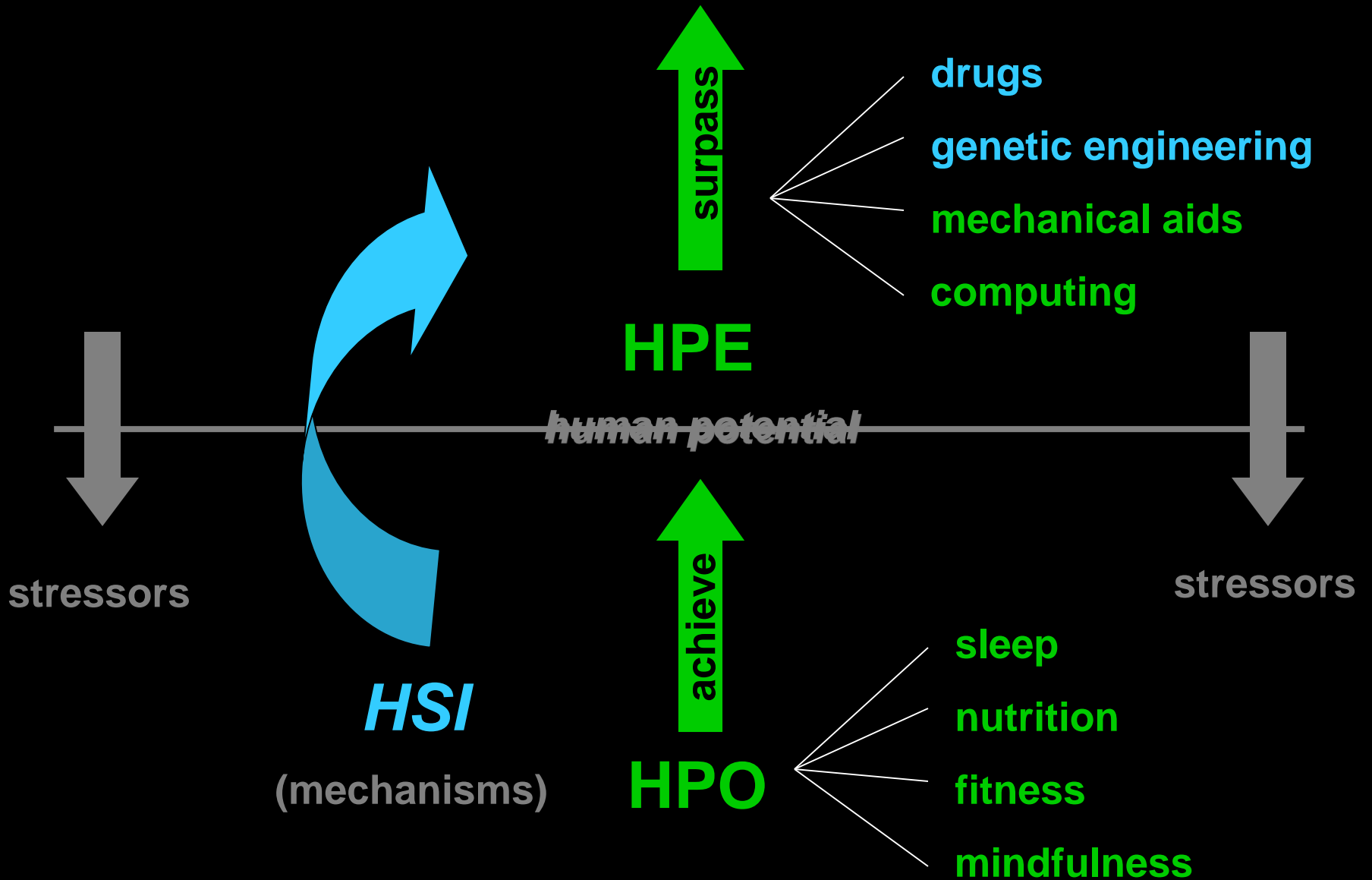


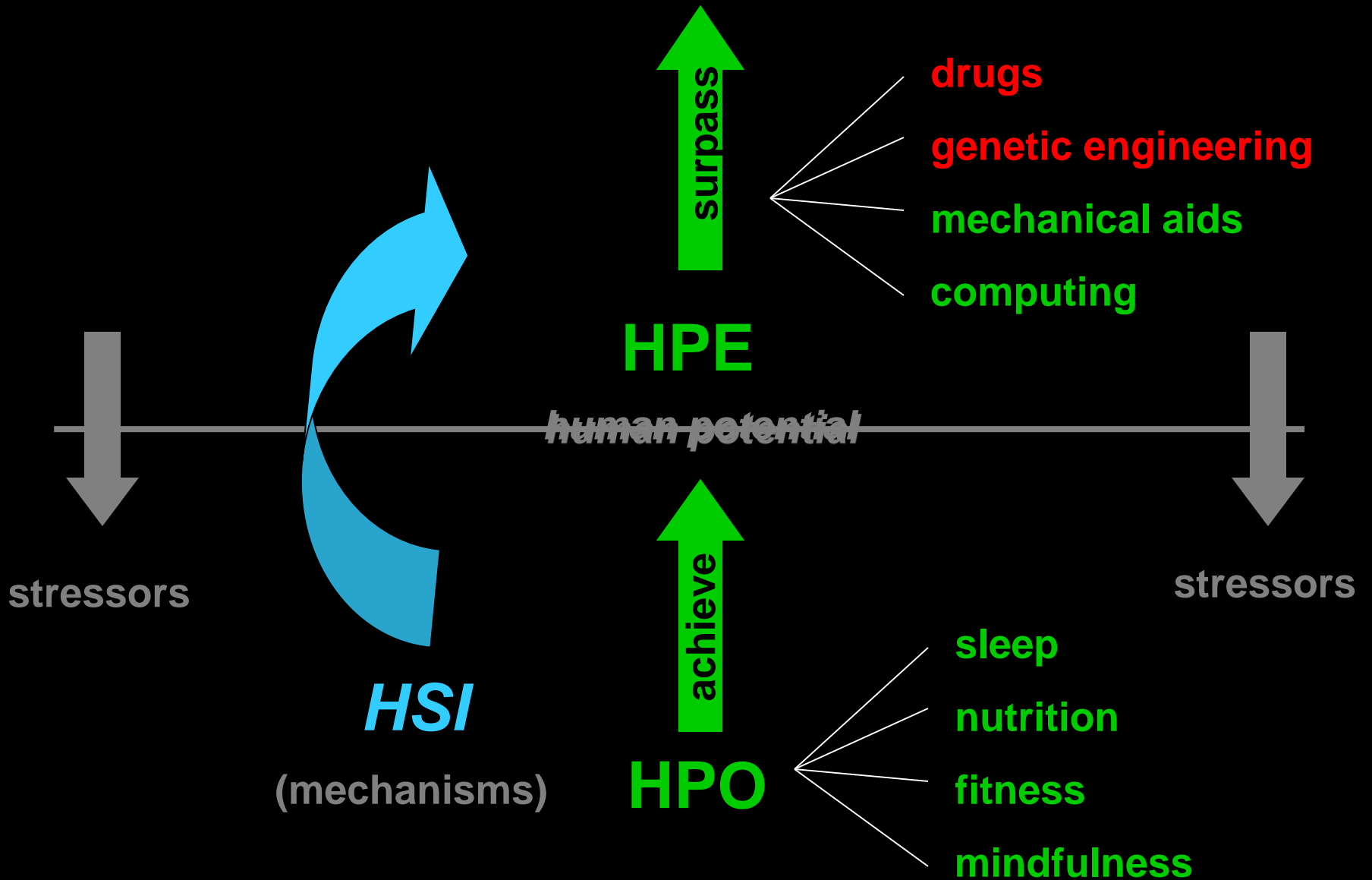
No connection

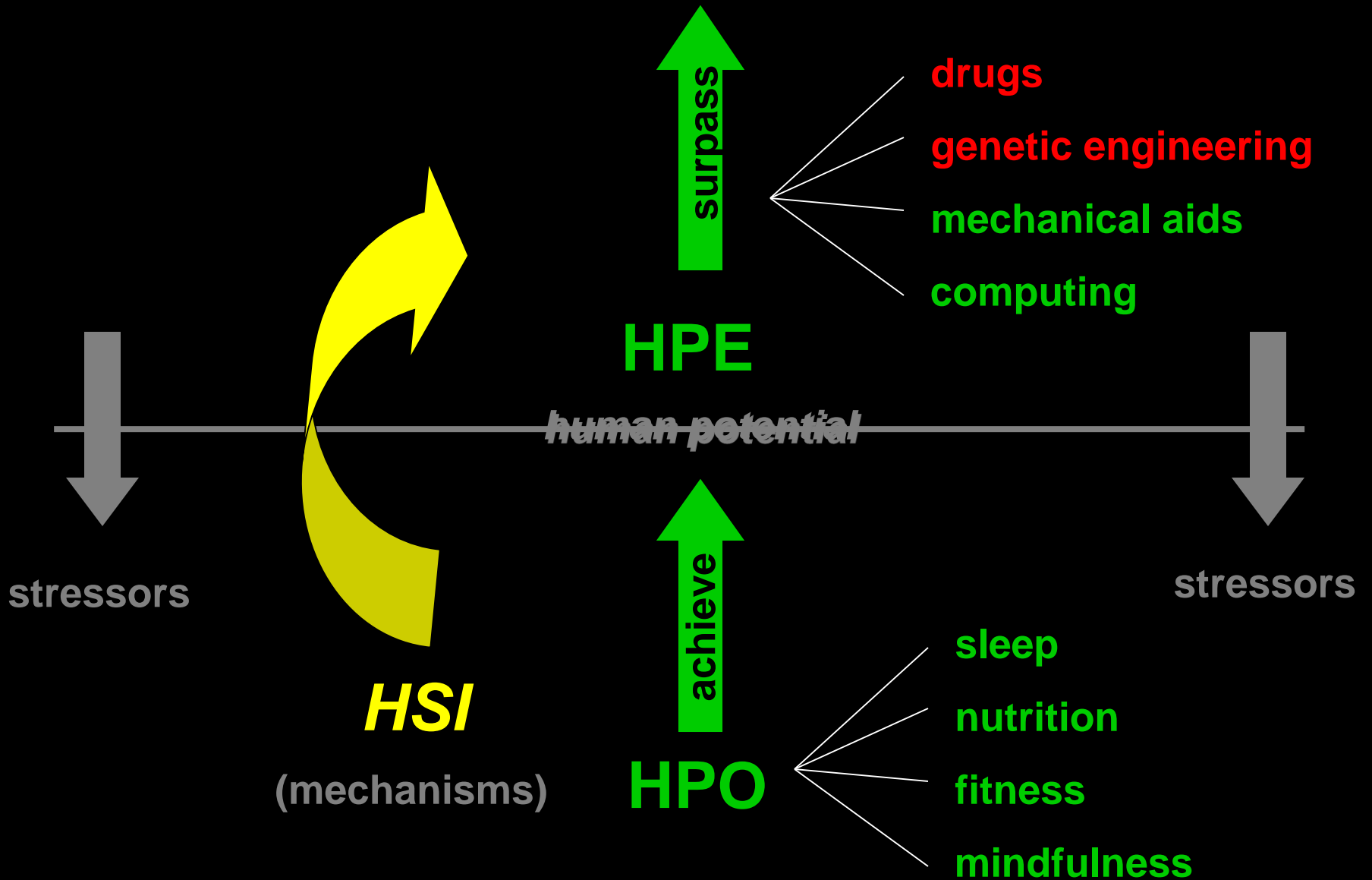


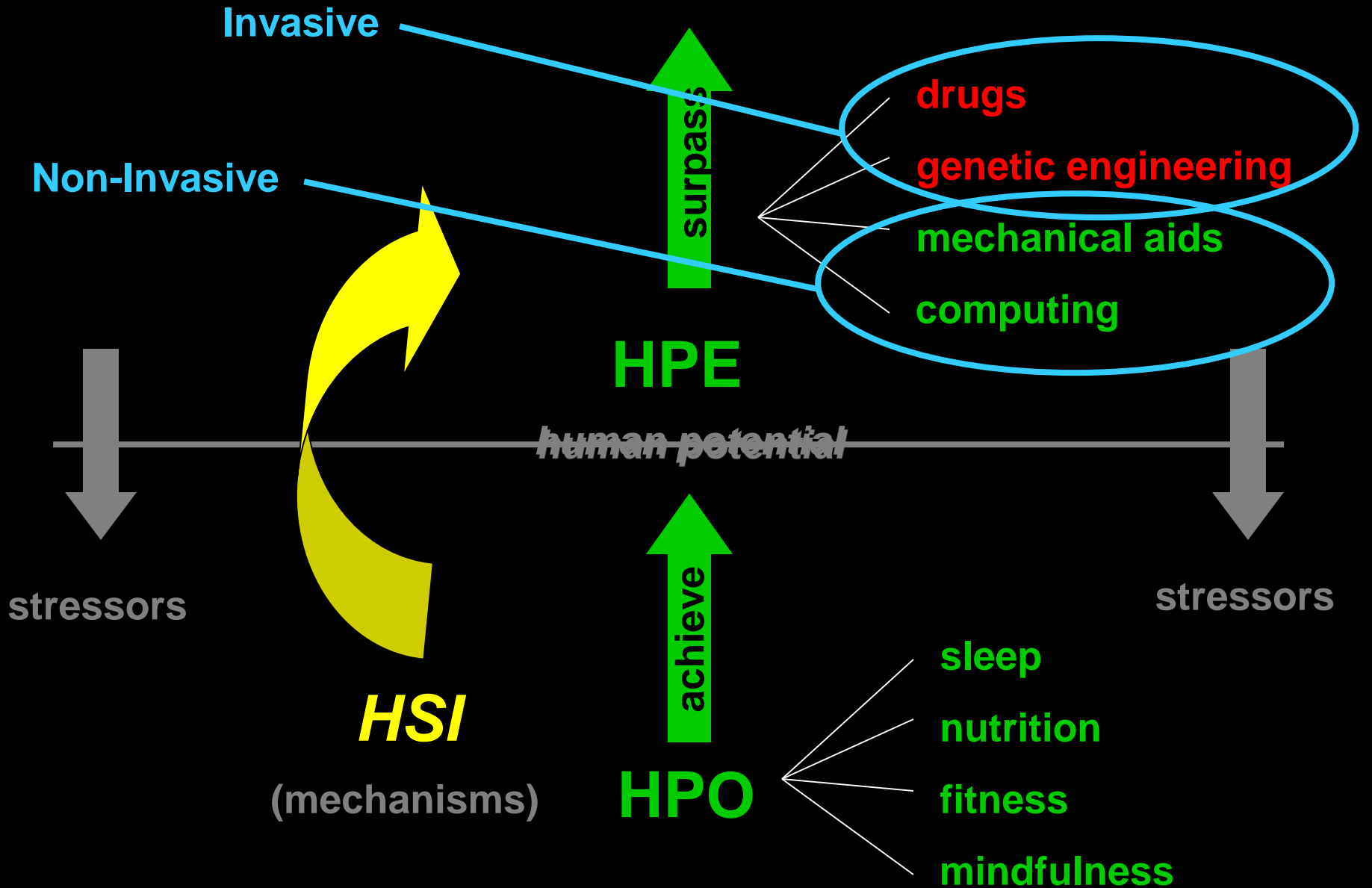
So **what** are we talking about?





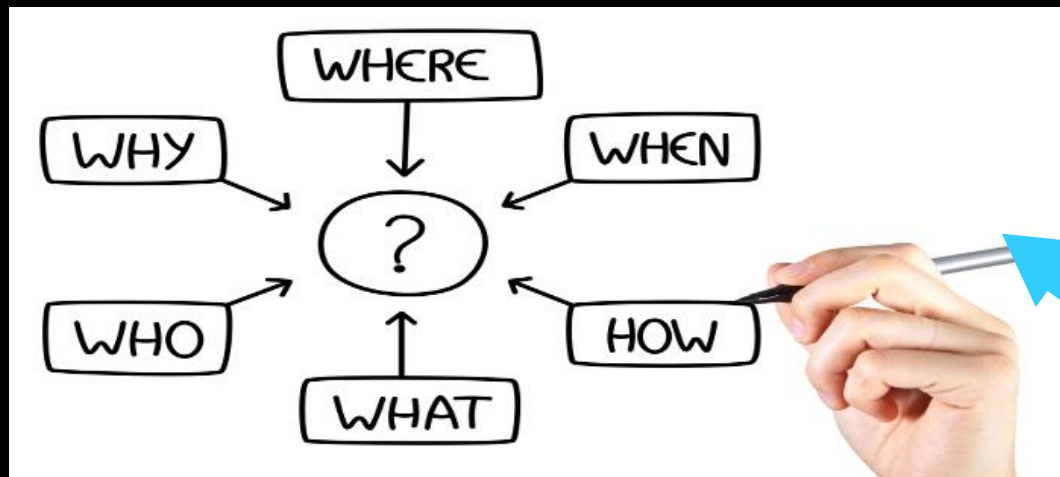






The Policy (so far) ...

CANUSUK HPE policy





Gendered HPE policy

Alliance view



The Framework



ignore

optimize

non-invasive

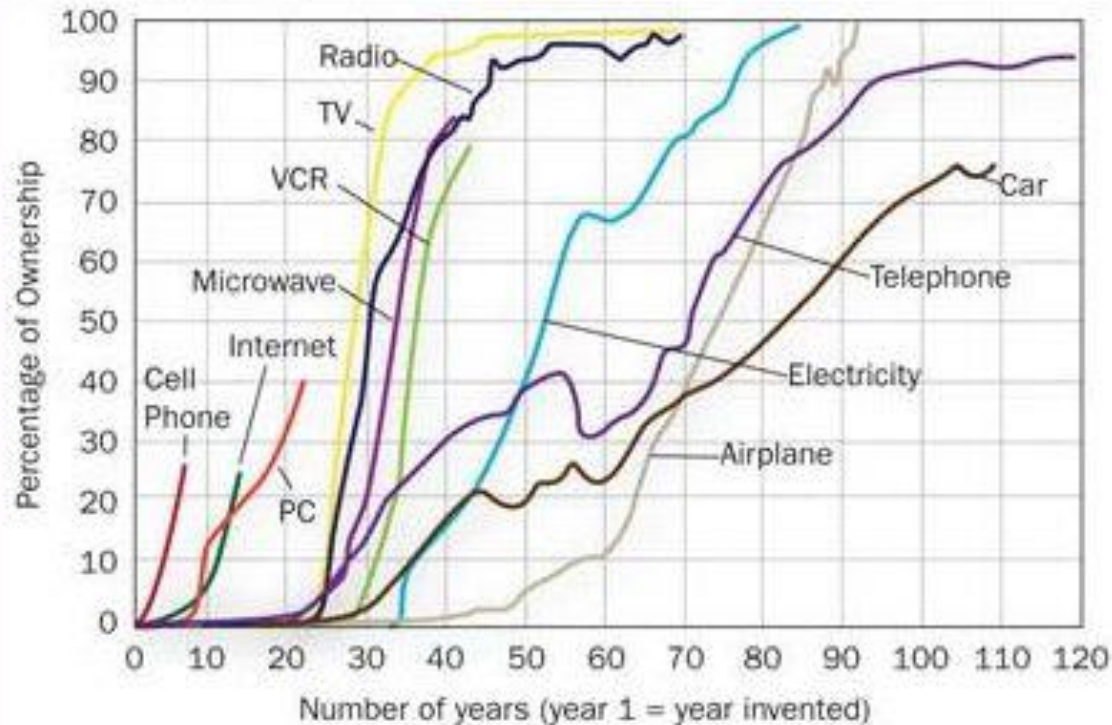
invasive



enhance

Range of options

Technology Adoption

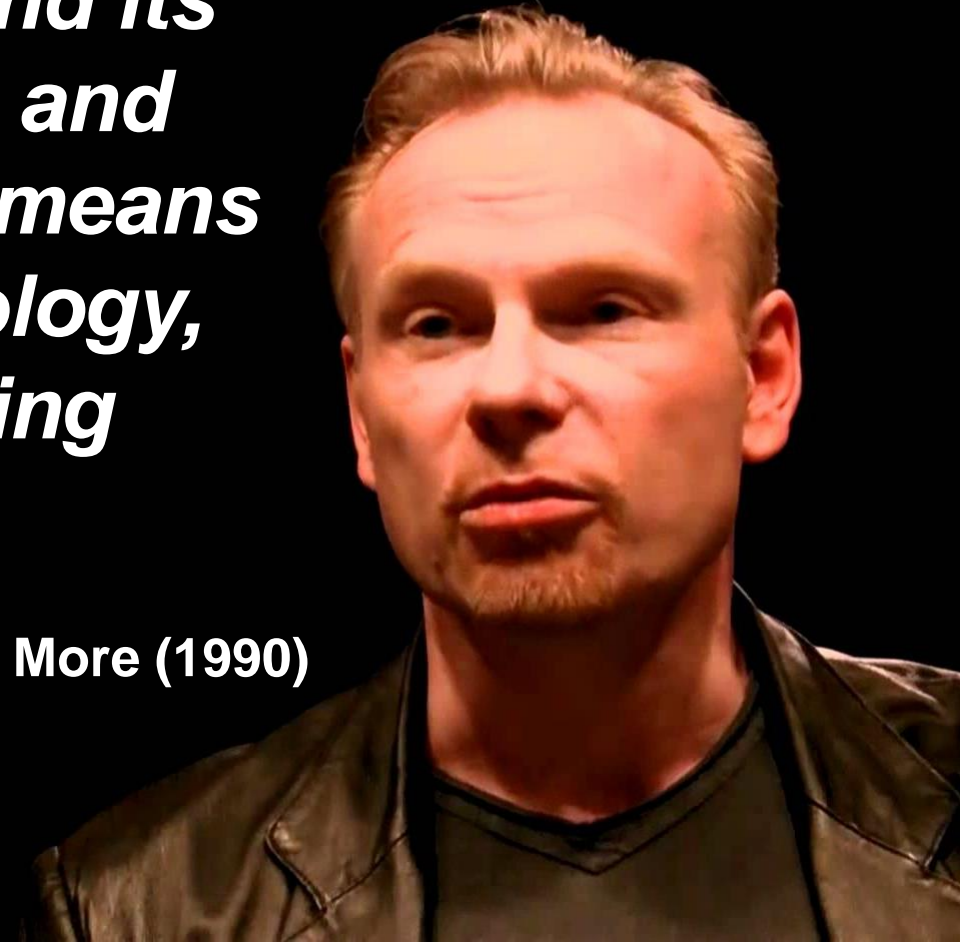


Source: Forbes Magazine

Change in Tech ...

Transhumanism is a class of philosophies of life that seek the continuation and acceleration of the evolution of intelligent life beyond its currently human form and human limitations by means of science and technology, guided by life-promoting principles and values.

– Max More (1990)

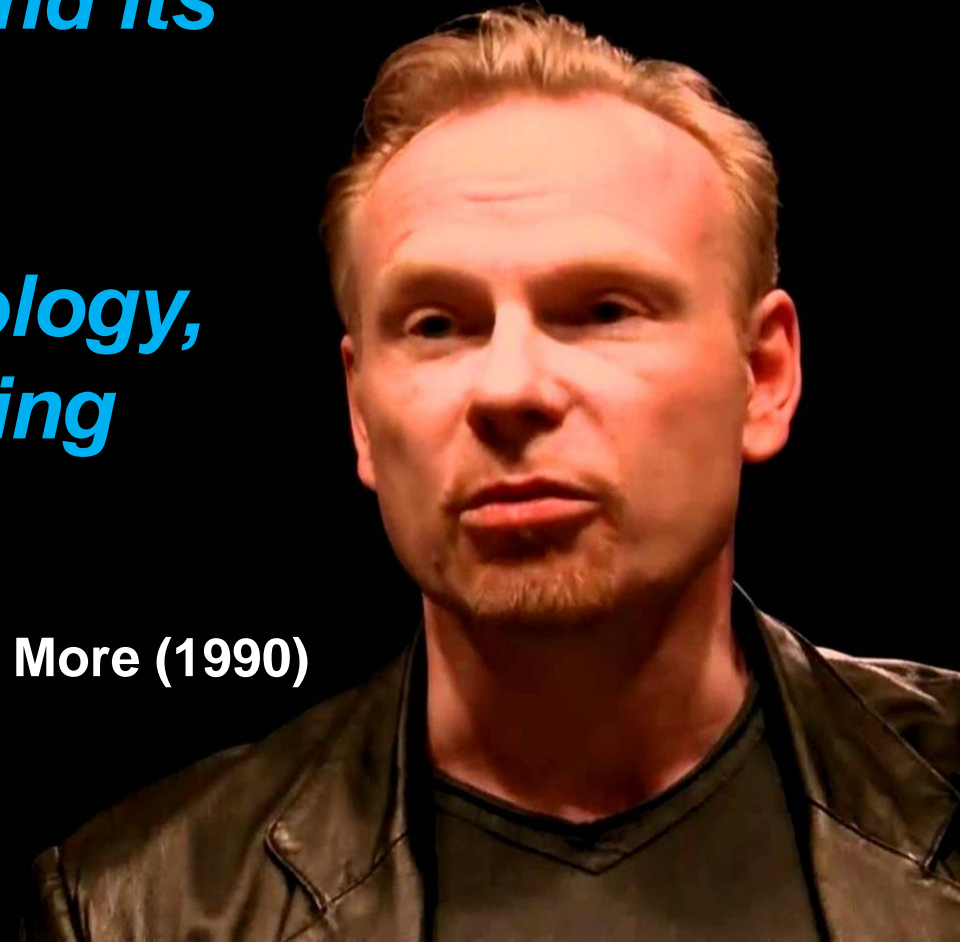


Transhumanism philosophies

*beyond its
currently human form*

*science and technology,
life-promoting
principles and values.*

– Max More (1990)





***... radical human
enhancement through
emerging strategic
technologies is not a
question of 'if' but of 'when'
and 'how'.***

- Nayef R.F. Al-Rodhan, 2011



*radical human
enhancement
strategic
technologies
and 'how'.
'when'*

- Nayef R.F. Al-Rodhan, 2011

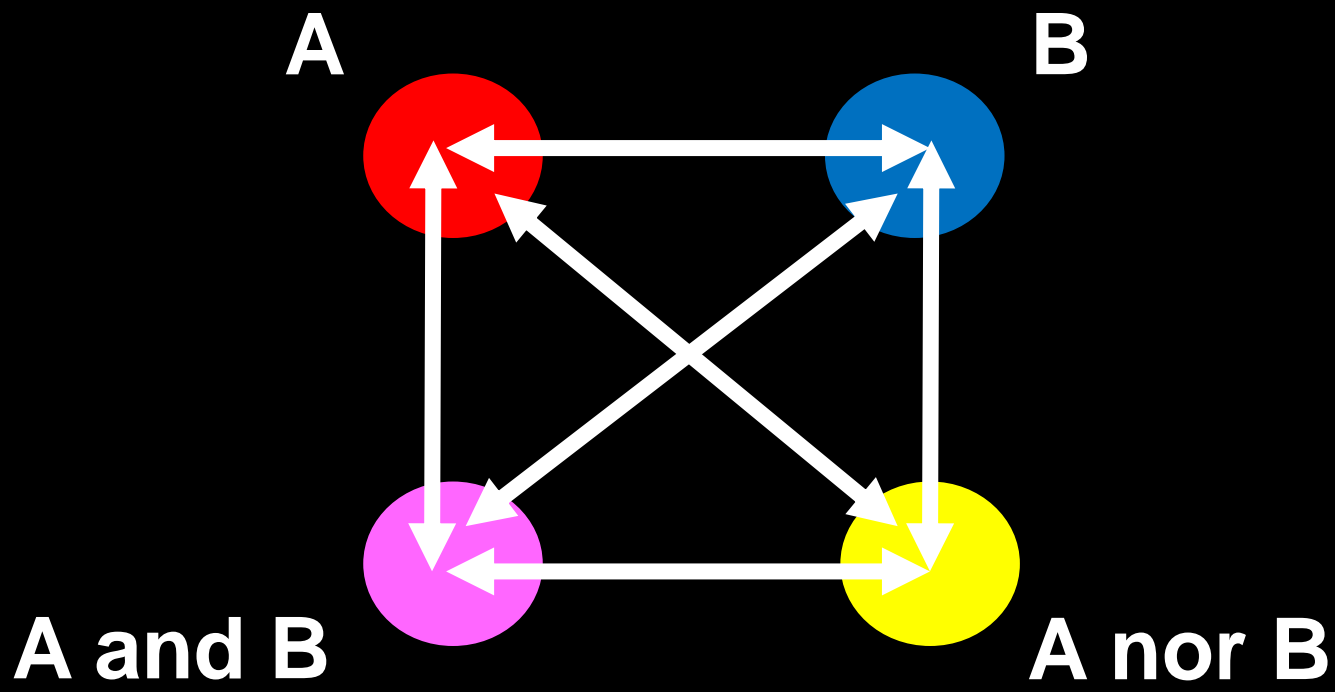


From human



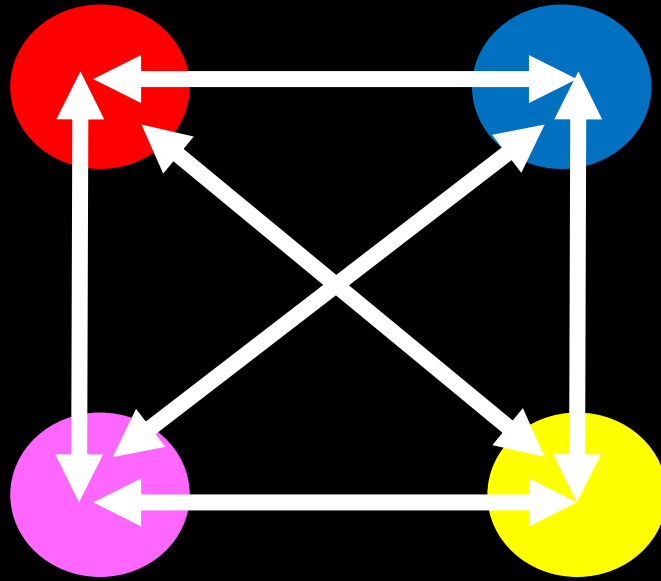
... to Transhuman

Some Analysis



Humanist

Transhumanist

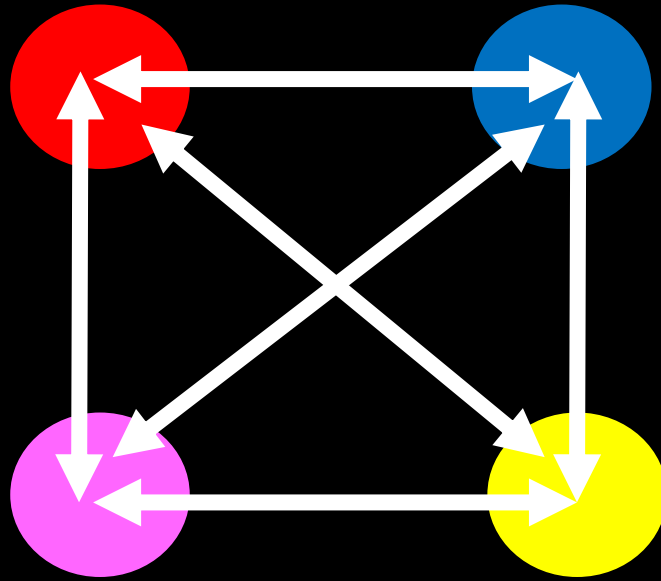


Techno-democrat

Bioconservative

Humanist

Transhumanist

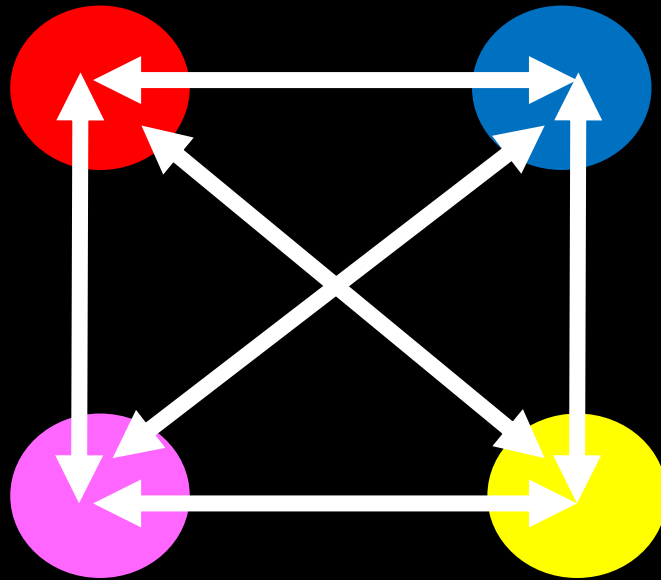


Techno-democrat

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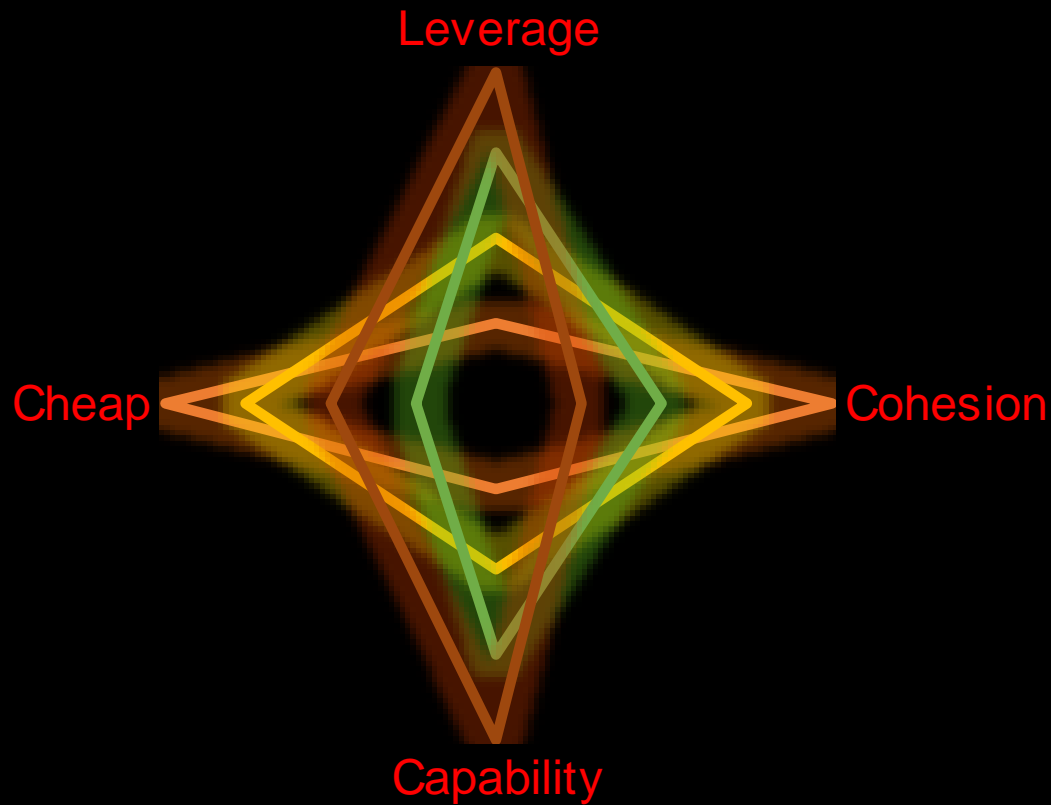


Techno-democrat

Bioconservative

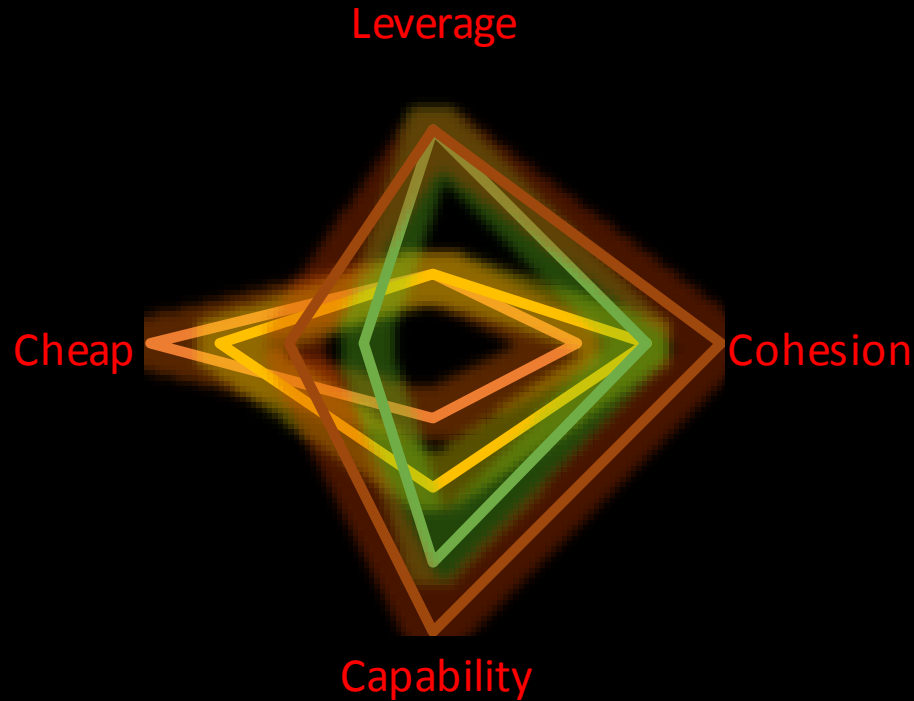
Option Spaces Compared - Humanist

— Do Nothing — Optimize — NI Enhance — Enhance

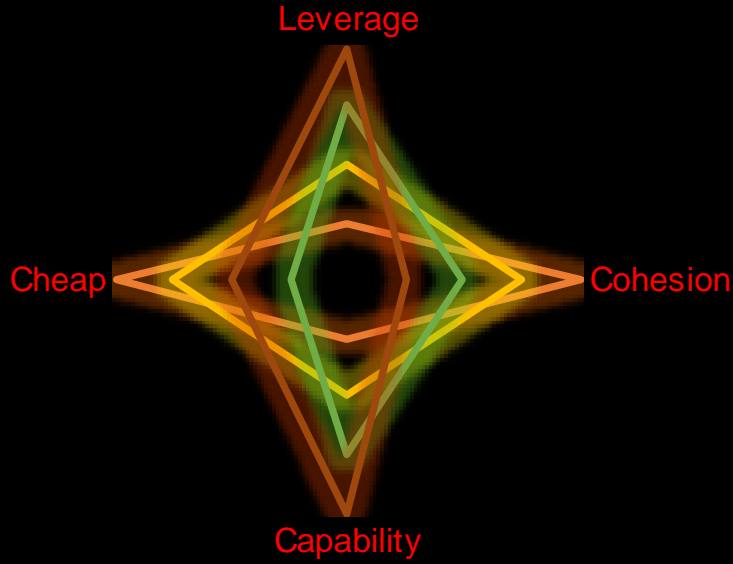


Options Spaces Compared - Transhumanist

Do Nothing Optimize NI Enhance Enhance



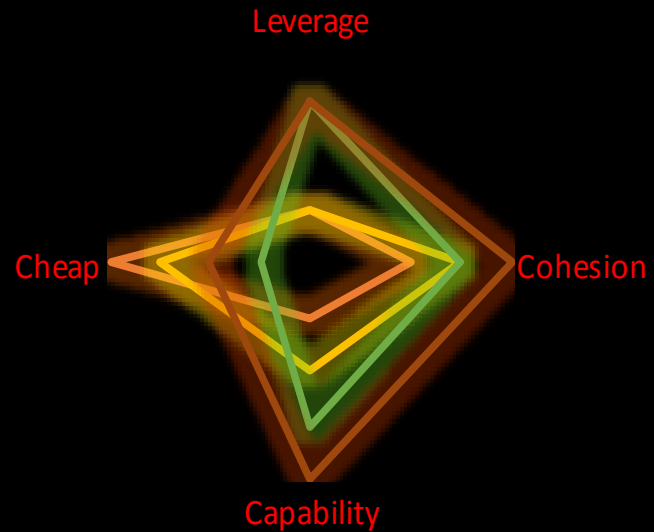
Do Nothing Optimize NI Enhance Enhance



Humanist

Do Nothing Optimize NI Enhance Enhance

Transhumanist



A Techno-Democratic theory of Civil-Military Relations

hans.christian.breede@rmc.ca