



# ACSC/MSTA

Idea to World Forum

2016 MRC Conference UNWE Sofia Bulgaria

On behalf of the MSTA-100 Team

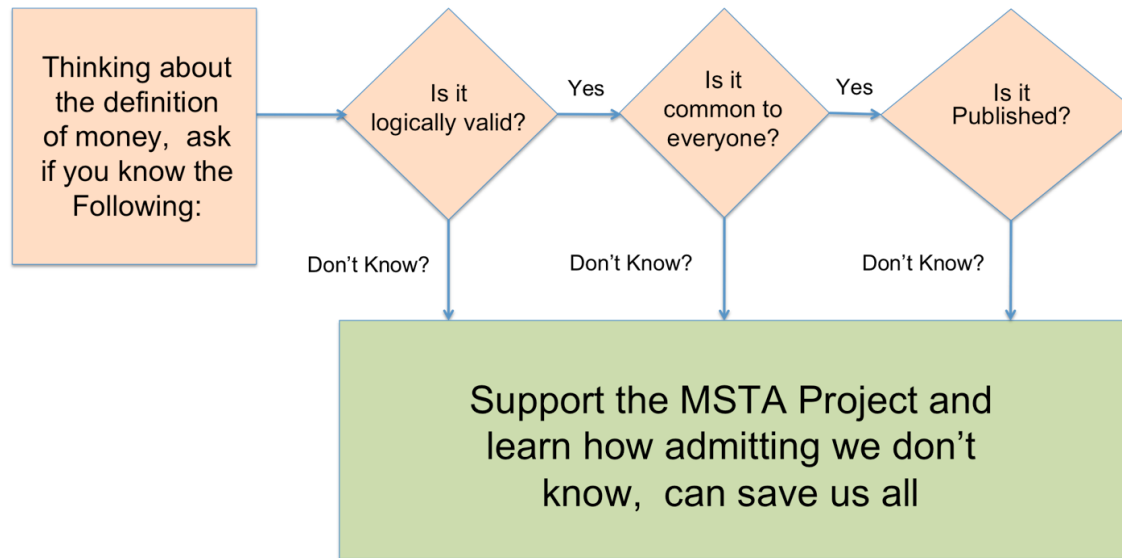
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Revised 2017 by Marc Gauvin VP ACSC

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# The Problem



- Currently there exists no rational standard specification of money.
- Instead, [money is misrepresented](#) as both a measure of value and a commodity without noticing how these are mutually exclusive.

# Why we need a standard

- [As reported by OXFAM this year 2016](#) : For the first time in history, more than 50% of the world's wealth is now owned by 1% of the population and this is accelerating.
- This transfer is systemic (not due to individual merit or lack thereof) and founded on money's misrepresentation.
- But who are this 1%? Are they all multimillionaires? No! On the basis of the above facts and by simple arithmetic we find that in order to be included in said 1% all one needs is a net equity of around €600,000: <http://www.globalrichlist.com/wealth>

Therefore, the majority of the so called 1% are small investors and/or SME owners.

# Whose fault is it?

- These SME owners are the last bastion of the middle class, the backbone of the community based economy (99%).
- A backbone without a body is no backbone at all.
- Thus, saving this group is *sine qua non* to the prosperity, personal freedom and autonomy of the 99%.

# Whose Fault is it?

**“System design affects user behaviour but user behaviour does not affect system design unless it expressly acts to alter or replace it.” M. Gauvin 2011**

- Most so called “winners” and “losers” currently share vague and imprecise notions of what money is without realising its logical misrepresentation in contracts.
- As long as this misrepresentation continues to be assumed as legitimate, we will continue to satisfy irrational systemic exigencies instead of rational human needs.

# Whose Fault is it?

**Just as in a game of musical chairs, it is absurd to place the blame for someone always being left without a chair on how people dance when the music is playing, so too it is absurd to place the blame for the systemic effects of money's misrepresentation on people's behaviour (rich or poor) while under its yoke.**

# Whose job is it to fix it?

- Principles of Law require that contracts have a valid common understanding.
- The law requires ALL to assist in disambiguation particularly, legal, scientific, financial experts.
- Therefore, there exists a clear legal imperative for the creation of an Open International Expert Forum to define, ratify and publish a first ever rational definition of money and its uses.

# Incentives/Imperatives

- Greater Transparency i.e. reason trumps demagoguery.
- The Judiciary must correct misrepresentation or lose credibility.
- Legal imperative for ALL to resolve ambiguities.
- Social divide is a systemic effect of the system not of user behaviour under the yoke of the system.
- A more credible basis for reward/status/risk and collective confidence and trust.
- Long term planning vs short term impulse management.
- Greater security, quality and sustainability of life support.
- Higher inclusion and social cohesion.





**MSTA**  
**International Multidisciplinary**  
**Open Experts Forum**



# The Goal

Answer: How to define the exact technological role of money and provide a valid specification of its definition and uses that both experts and lay people can understand unequivocally?

# Open Forum

- Formal Requirements.
- Decidable Ontology.
- Dynamics System Testing.
- Concurrent Legal and Financial Evaluation and Global Take-up.
- Concurrent World Outreach.

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# Formal Requirements

First Formal Requirements to answer the above question and issue a first ever authoritative Approved Functional Requirements document for money and money systems with abundant use case analysis.

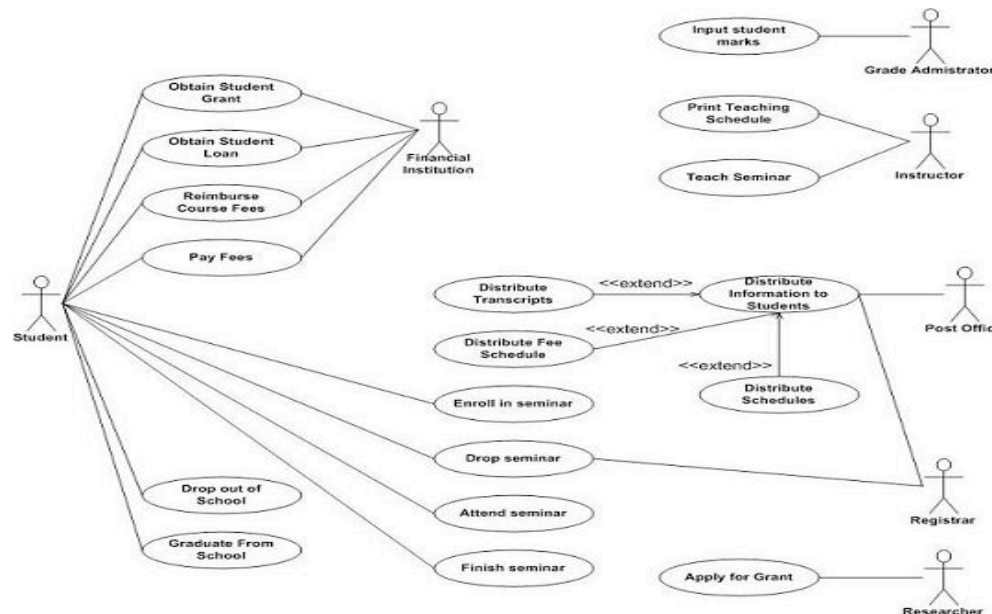


# Formal Requirements

- Users and stake-holders define and record an exhaustive collection of scenarios in natural language (use cases). Example:

*John sells his business to Mary...Mary has her credit checked...the bank deposits...*

- The scenarios are represented in a standard schematic format such as UML



# Formal Requirements

- Abundant use case scenarios are represented.
- All functions are defined.
- A glossary of terms and definitions are recorded.
- Common standard representation formats are used.

# Open Forum

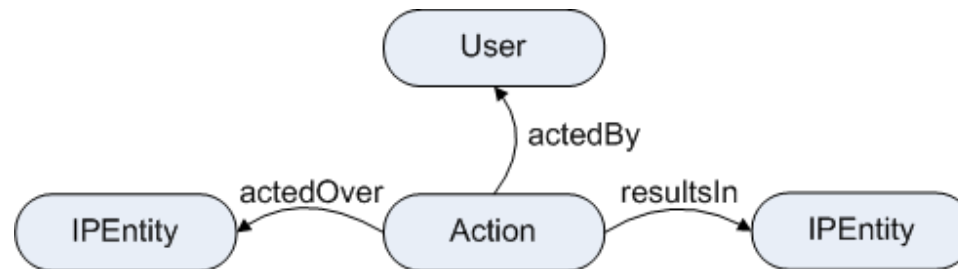
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# Finance Ontology

Represent financial/legal/economic terms (i.e. Finance Ontologies) and identify and illustrate any logical inconsistencies both in the definitions and uses of the terms to form Financial “Rules”.

# Finance Ontology

- The requirements glossary of terms and definitions are formalised within decidable ontologies such as OWL-DL (description logic), where different terms are related to one another logically and tested for inclusion, exclusion, cardinality etc..
- Rules are derived from the ontology and tested for logical consistency.





# Open Forum

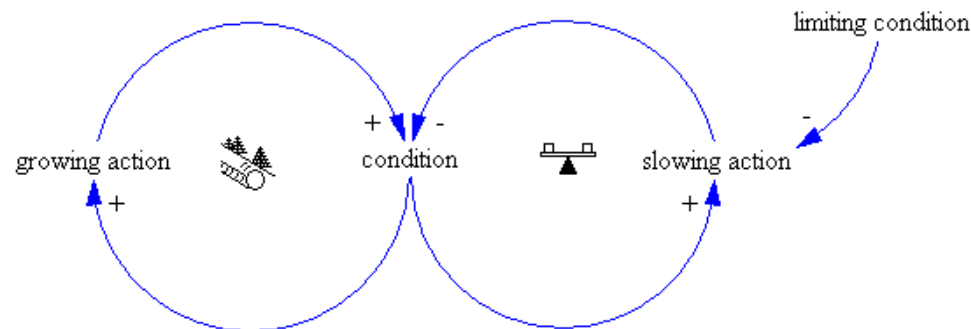
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# Money Dynamics Simulation

Illustrate and demonstrate the independent effect of different financial “Rules” to determine the dynamic behaviour of any given financial system (ontology) using a “Money Dynamics Simulation”.

# Money Dynamics Simulation

- Rules may be logically consistent but not necessarily fair and just as required by Law.
- The dynamics of combining rules may create self propagating processes or limits not conceived within the ontology.



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# Concurrent Evaluation and Global Outreach

Concurrently, Legal, Scientific, Economic and Financial Expert Work Groups will:

- Follow and analyse the impact and consequences of all documented scenarios (use cases), ontology findings and money systems dynamics.
- Issue periodic Bulletins, Approved Reports and Recommendations as well as maintain public advisories.

**Publish a first ever formal, open scientifically and logically ratified standard specification of money and its scope of use.**



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# Concurrent Outreach/World Wide Uptake

The Outreach Work Group will:

- Continuously invite to participate and inform all expert communities and the public at large.
- Disseminate all Approved Bulletins, Reports and Recommendations.
- Initiate all necessary activities to ensure a constructive non-belligerent uptake of all results world wide.





**Core team MSTA-100  
MacArthur 100 & Change  
Submission**



# MSTA-100 Pitch

MSTA - 100 2016 Pitch





**Guaranty of Success**



# Any Answer to the core question = “Success”

➤ Success = Any logically consistent answer to:

“What is the **exact** technological role of money and how can that role be specified in a logically valid and coherent fashion both laypersons and experts can understand unequivocally?”

➤ Legal imperative to facilitate disambiguation gives credibility to any non-partisan **open** forum and discredits entities that boycott particularly those who author financial contracts.

➤ Rational non Partisan nature of the process precludes conflict with Public Policy Makers.

# A Cause to Enable All Cause

Once money has been made technically and legally coherent, all issues and causes gain unprecedented clarity so that Justice and the Rule of Law can be better served in the interest of all, rich or poor.





# How to Finance the “Cause to enable all causes”



# How to Finance the “Cause to enable all causes”

➤ Promoting those entities that adopt the MSTA as their own and meet the following criteria:

- Their activities seek the common good.
- They publicly support the MSTA project and mission.
- Use MSTA fundraising Agents that are duly qualified by MSTA founders and/or designated associates.
- Maintain and respect a minimum commission structure for MSTA fundraising Agents.

For more information: [acsc.vp@moneytransparency.com](mailto:acsc.vp@moneytransparency.com)

# Thank You For Your Time

You are all invited!

For more information see

[www.moneytransparency.com](http://www.moneytransparency.com)

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