

Accounting for Good

tech for creating resilient communities & ending money



Hi! I'm pospi.

@pospigoss

<http://pospi.spadgos.com>

Related P2P Foundation report:
["Peer-to-peer Accounting for Planetary Survival"](#)



Proposing a **general rule**:

When a group of people becomes able to move each other's resources around, assistance in coordinating those resources becomes necessary.

milk
sugar
bread
tea
fruit

Doctor's Appointment
Tuesday 2-3pm



Mom

Kally

Christopher

Dad

Zoe

KITCHEN

Daily

wash dishes,
draining board,
around the sink,
counter tops &
stove top

Weekend

clean microwave
clean oven door,
refridgerator and
front of cabinets

LIVING ROOM

Daily

straighten couches,
toys, shoes & coats
keep stairs clear
check and take out
trash & recycling

Weekend

wipe out trash can
& recycle bin
sanitize door knobs,
light switches,
phone & stair rail

DINING ROOM

Daily

dry/put away dishes
wash table & chairs
clear floor of food

Weekend

dust & organize
craft/game shelves
wipe walls & radiator

BATHROOM

Daily

straighten towels
keep clothes, toys
towels off the floor
wipe the sink after
brushing teeth
keep toilet paper
stocked

Weekend

scrub toilets, sinks,
floors & heaters
mirrors, walls,
tub, shower,

FLOORS

Daily

sweep downstairs
floors & water the
garden or shovel
the snowy walkway

Weekend

shake out the floor
mats, sweep stairs,
mop living room,
dining room and
kitchen & weed
the garden





House Maintenance

[The Rehkempers](#)[Org Visible](#)

To Do - General

Buy Dehumidifier for basement



Hang up pictures



Install Wifi



Buy freezer



Buy dryer



Get Chimney Swept



Quarter round on stair landing

To Do - Living & Dining

Refinish/paint side and sofa tables



Upholster coffee table



Recover dining room chair seats



Paint dining room



Paint living room



Add a card...

To Do - Kitchen

Replace kitchen faucet



Shelf paper in cabinets and pantries



Back door insulation



Remove kitchen fluorescent light



Add curtains under desk

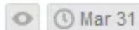


Organize kitchen storage under desk

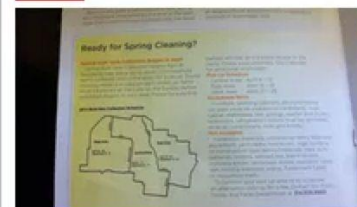


To Do - Outside

Rake leaves for leaf pickup day



Mar 31



Put out carpet and padding for pickup



Apr 7



See if side door light fixture needs new bulb

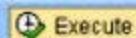


Get clothesline for yard





ShipERP: Create Shipment



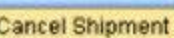
Execute



Track Shipment



Cancel Shipment



Reports



Change HU



Manual Shipment



Trailer Management



Trailer Management

External HU

4561



Shop Rates

HuCnt 1

Pkg 1

of 1

☐ Auto Rate Shop☐ Auto Ship

Sold To

Ship From

Ship To

Small Parcel

FedEx

Contents

Previous Shipment

Name ATLANTA COMPANY
 Attention ATTN JOHN DOE
 Addr 1 2345 GLENLAKE PKWY
 Addr 2
 City ATLANTA State/Prov GA
 Postal code 30328-3447 Country US
 Phone/Fax 999-999-9999 / 999-999-9999
 Customer # 0000003250



Address Validation

Shipment

Carrier

FedEx

Ship Date

Service

FedEx Ground

11/15/2010

Payment

Payment

Pre Paid

3P/COLL Acct

3P/COLL Zip

3P/COLL Country

Packaging

Packing

Customer Package

1

of 1

Weight

via HU

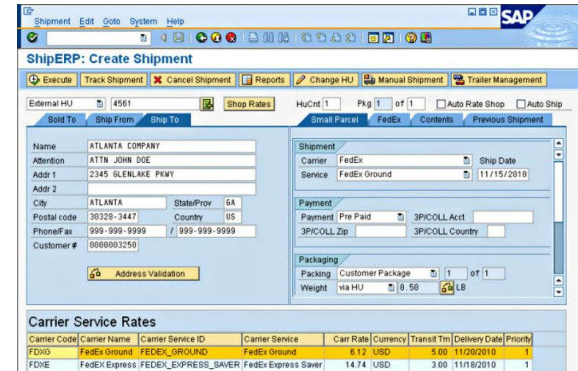
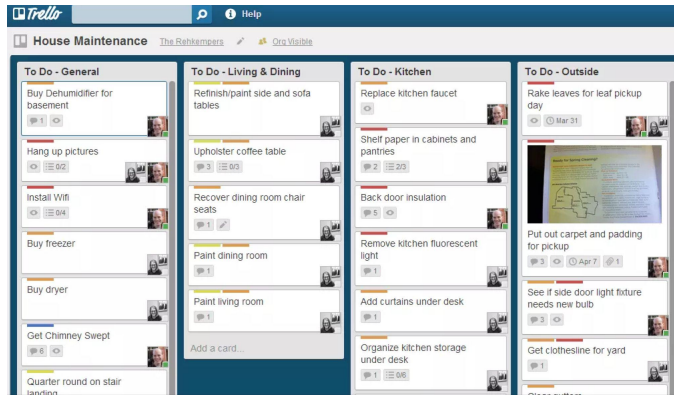
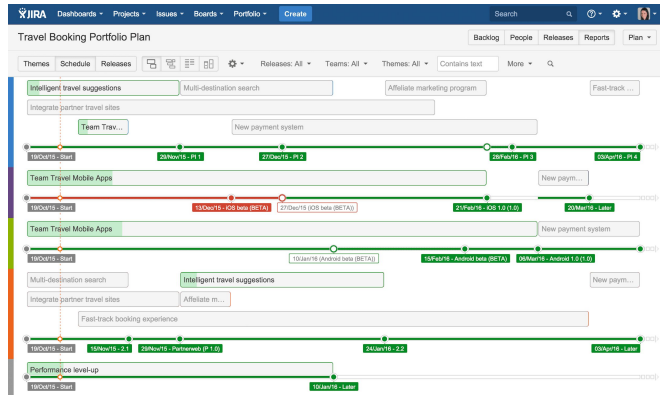
0.50



LB

Carrier Service Rates

Carrier Code	Carrier Name	Carrier Service ID	Carrier Service	Carr Rate	Currency	Transit Tm	Delivery Date	Priority
FDXG	FedEx Ground	FEDEX_GROUND	FedEx Ground	6.12	USD	5.00	11/20/2010	1
FDXE	FedEx Express	FEDEX_EXPRESS_SAVER	FedEx Express Saver	14.74	USD	3.00	11/18/2010	1



These are all technologies.

Proposing another **general rule**:

The better a group is at coordinating resource use,
the more they outperform other groups.

Edit Invoice INVOICE-Shopify-20161024

Awaiting Approval

Email Print PDF Invoice Options

To	Date	Due Date	Invoice #	Reference	Branding
Daily Sales from Shopify	25 Oct 2016	25 Oct 2016	INVOICE-Shopify-2016102		Standard

USD United States Dollar 1 SGD = 0.718014 USD (25 Oct 2016) Exchange Rates

Amounts are Tax Exclusive

Item	Description	Qty	Unit Price	Disc %	Account	Tax Rate
	Sales with Sales Tax (15.0%)	1.00	12.00		200 - Sales	Gherry's Dev Sales Tax (15%)
	Sales with Tax Exempt (0.0%)	1.00	750.00		200 - Sales	Tax Exempt (0%)

Add a new line

Save



DESCRIPTION	£
M' FRESH SEA BREAM	2.88 D
M' SIDE OF SALMON	3.08 D
M' KIPPER FILLETS	0.58 D
M' PORK LEG STEAK	2.93 D
M' BROCCOLI	0.54 D
0.270kg @ £1.99/kg	1.39 D
M' BABYLEAF AND HERB	
M' RED GRAPES	2.58 D
0.650kg @ £3.98/kg	0.99 D
M' BEST POTATOES	1.34 D
HORLICKS	5.98 B
DUREX EXTRA SAFE	1.29 D
M' TRIM BEANS	1.88 D
M' STRAWBERRIES	1.89 D
TETLEY TEA BAGS	0.99 D
M' VALUE ONIONS	0.56 D
M' DOUBLE CREAM	0.94 D
M' ENGLISH BUTTER	0.94 D
*M' ENGLISH BUTTER	-0.08
*M' Butter Offer	1.98 D
M' RASPBERRIES	2.59 A
NIVEA FOR MEN	0.28 D
M' LOOSE LEMONS	
Items Sold: 20 TOTAL	£35.54
CASH	£40.00



BETTER BANKING

Feeling lost? Let us help. 0845 45

My Accounts

Current Account

£1,325.64

Bank Transfer

2 days ago

£895.00

Amazon UK

4 days ago

-£122.45

Spotify

5 days ago

-£9.99

Account Overview

Savings Account

£4,726.21

Bank Transfer

1 week ago

£895.00

Interest

3 weeks ago

£5.66

Bank Transfer

2 months ago

£200.00

Account Overview

Credit Card

-£841.92

Vue Ciner

2 days ago

Paypal

4 days ago

iTunes

5 days ago

Account Overview

Quick Transfer

I want to transfer...

From this account...

To this account...

Enter Amount

Current Account

Savings Account

Legal Info | Security | Accessibility



ShipERP: Create Shipment



External HU 4561



Shop Rates

HuCnt 1

Pkg 1 of 1

☐ Auto Rate Shop☐ Auto Ship

Sold To

Ship From

Ship To

Small Parcel

FedEx

Contents

Previous Shipment

Name ATLANTA COMPANY

Attention ATTN JOHN DOE

Addr 1 2345 GLENLAKE PKWY

Addr 2

City ATLANTA State/Prov GA

Postal code 30328-3447 Country US

Phone/Fax 999-999-9999 / 999-999-9999

Customer # 0000003250



Address Validation

Shipment

Carrier FedEx

Service FedEx Ground

Ship Date 11/15/2010

Payment

Payment Pre Paid

3P/COLL Acct

3P/COLL Zip

3P/COLL Country

Packaging

Packing Customer Package

Weight via HU 0.50

1 of 1

LB

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Tuesday 2-3pm



Fundamental goal

Tech needs to be simple.

Upgrading our language for better resource management

Fixing our planet means reclaiming the depth once lost.

**Username****@Username** Portland, OR

Founder & Visual Designer

<http://twitter.com>

✓ Following



Tweet to @Username

Tweets

Favorites

Following

Followers

Lists

**Username** Username

Stop working and save right now!

7 Jun

**Username** Username

"The life of a designer is a life of fight against the ugliness." - Massimo Vignelli

7 Jun

**Username** Username

Great design should be shared. #design

7 Jun

**Username** UsernameHow Bad Do You Want Success? bit.ly/mSQcKT

7 Jun

**Username** Username

Keyboard navigation should be intuitive.

7 Jun

**Username** UsernameSit back, relax and let yourself go: bitly.com/mqTFsU

8 Jun

**Username** Username@Twitter Seen this photography yet? bit.ly/nvtbB4

8 Jun

**Username** Username

Do your users a favor and add keyboard navigation.

8 Jun

**Anotheruser** Anotheruser [retweeted](#) by UsernameStructured German Poster Design by Wim Crouwel
ds.pn/image/9168/

8 Jun

About @Username

4,309

Tweets

240

Following

4,735

Followers

316

Listed

Recent Images · [view all](#)Similar to you · [view all](#)**SimilarUser** Similar User

Producer, Director & Designer

**Anotheruser** Another User

Writer, Singer & Songwriter

**Twitter** Twitter

Always wondering what's happening.

Following · [view all](#)[About](#) [Help](#) [Blog](#) [Mobile](#) [Status](#) [Jobs](#) [Terms](#) [Privacy](#)[Shortcuts](#) [Advertisers](#) [Businesses](#) [Media](#) [Developers](#)[Resources](#) © 2011 Twitter

How to define 'outperform'?

The goal is:

- **Have confidence that the choices you make create the best possible outcomes for** the long-term joy and survival of **yourself and all others.**
- Never do accounting again, have it done for you;
- Never do compliance again, have it emerge from the way you do accounting;
- ...and in the process, **prove that your choices create such outcomes** and nurture a deep understanding of the consequences of your actions in the world.



dollars



hours

bitcoins



Accounting is a **language** for resource management.



hectares?
trees?
species?
catchments?



items

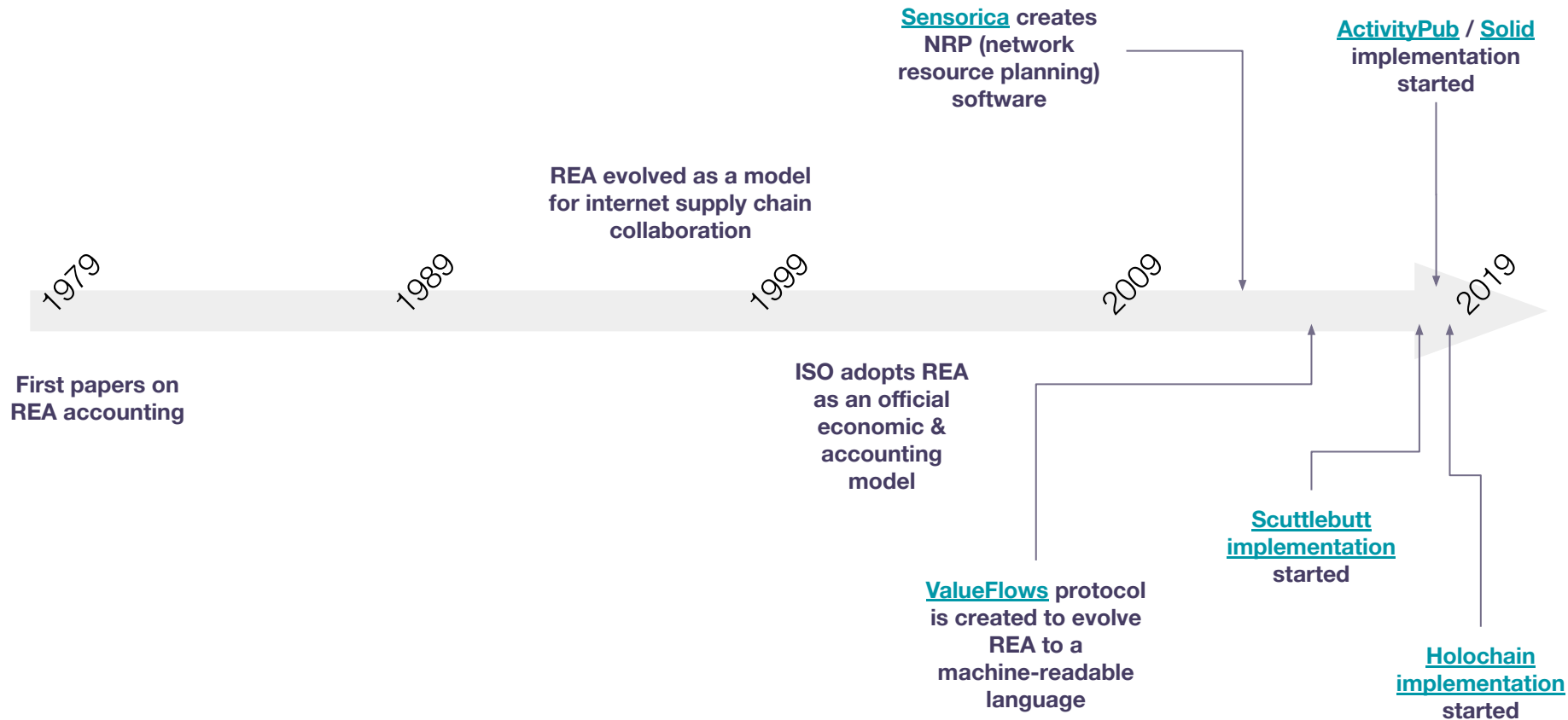
kilograms

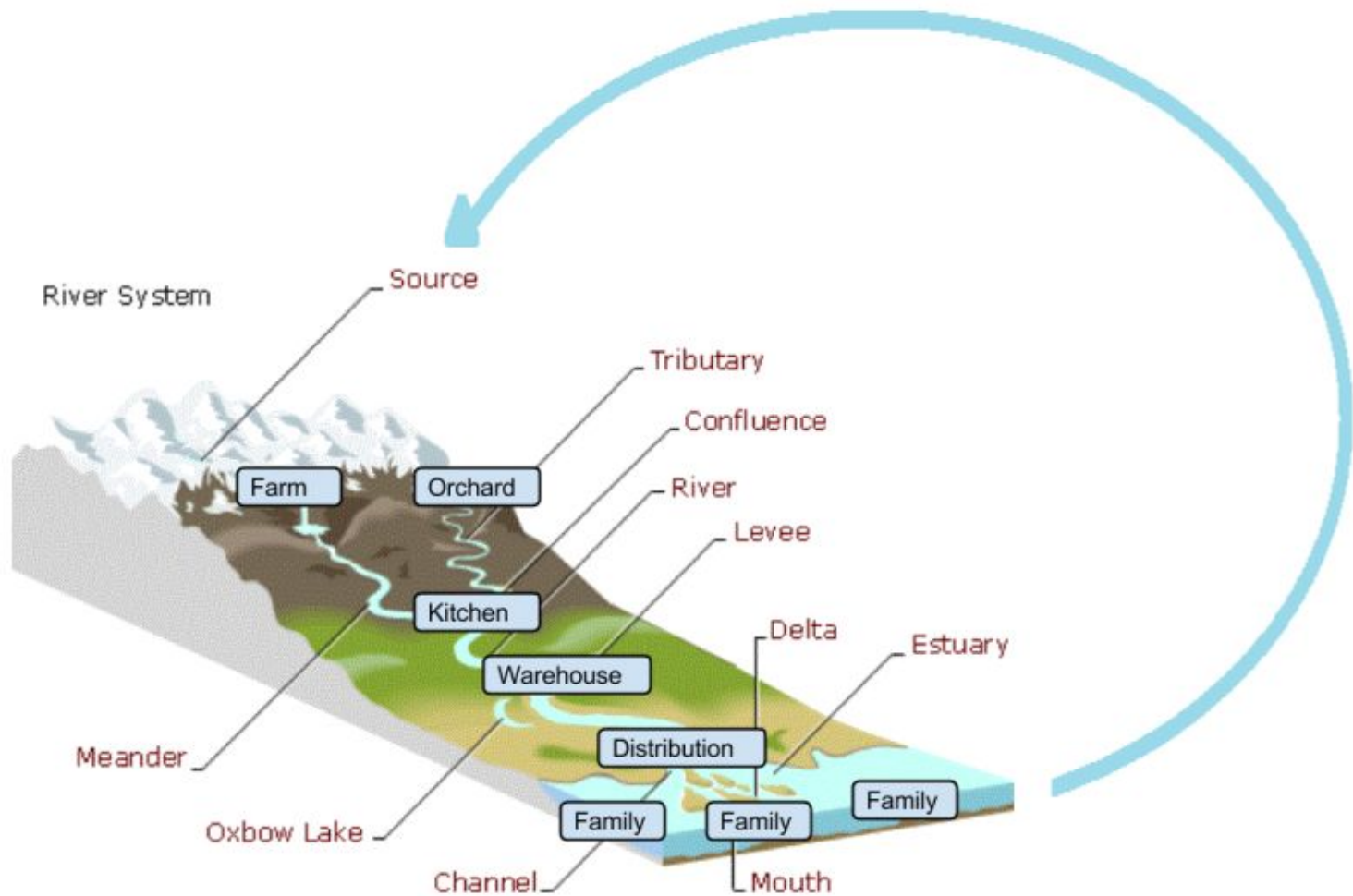


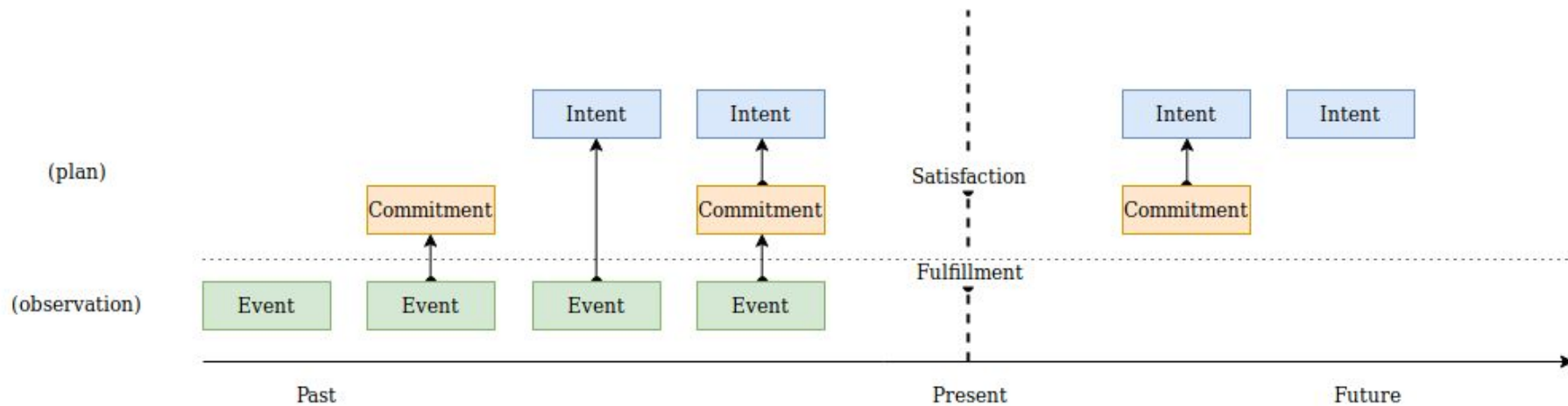
(***REA** = resource / event / agent)

REA accounting is
accounting for a new age.

Since then...

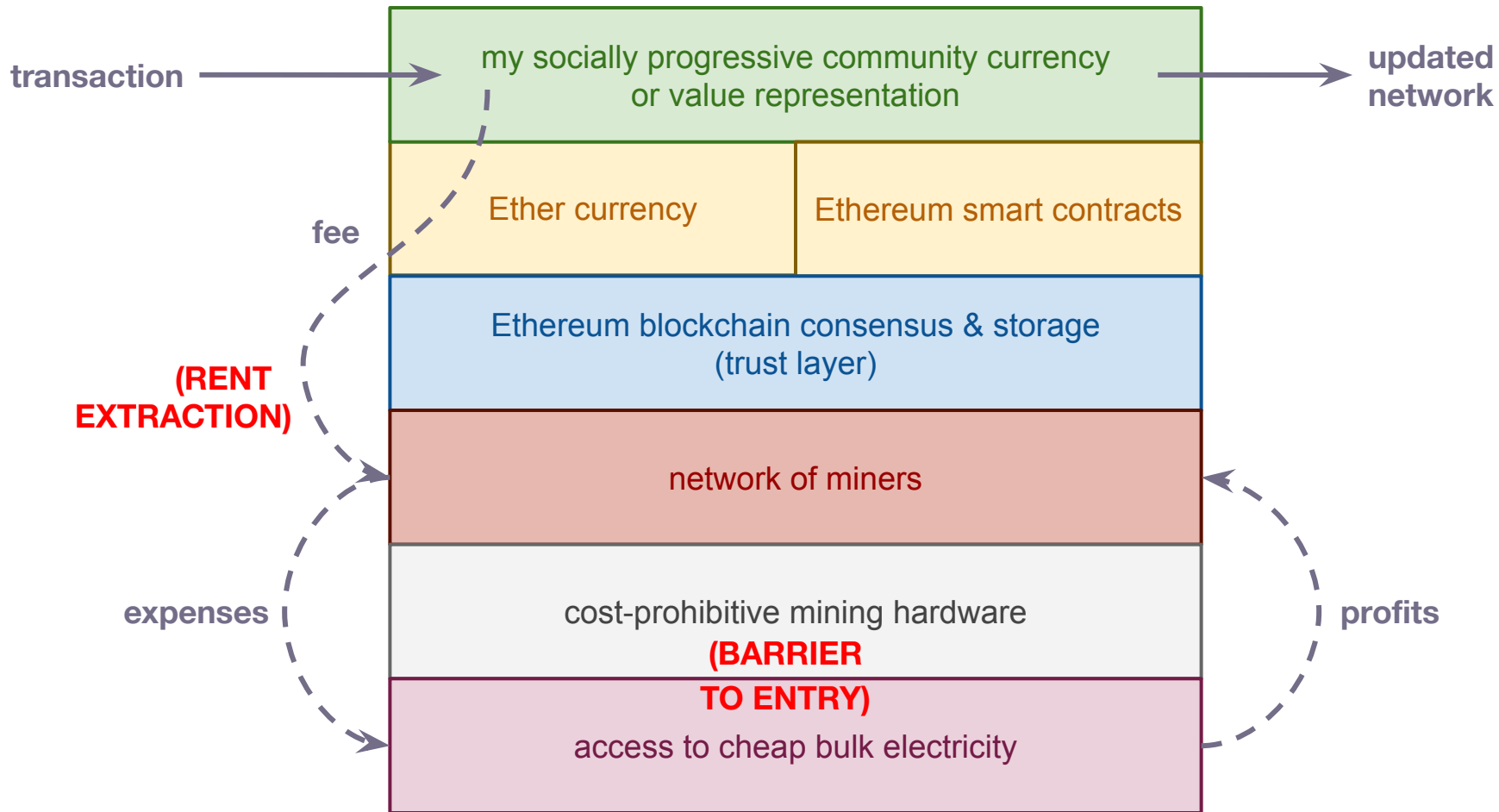


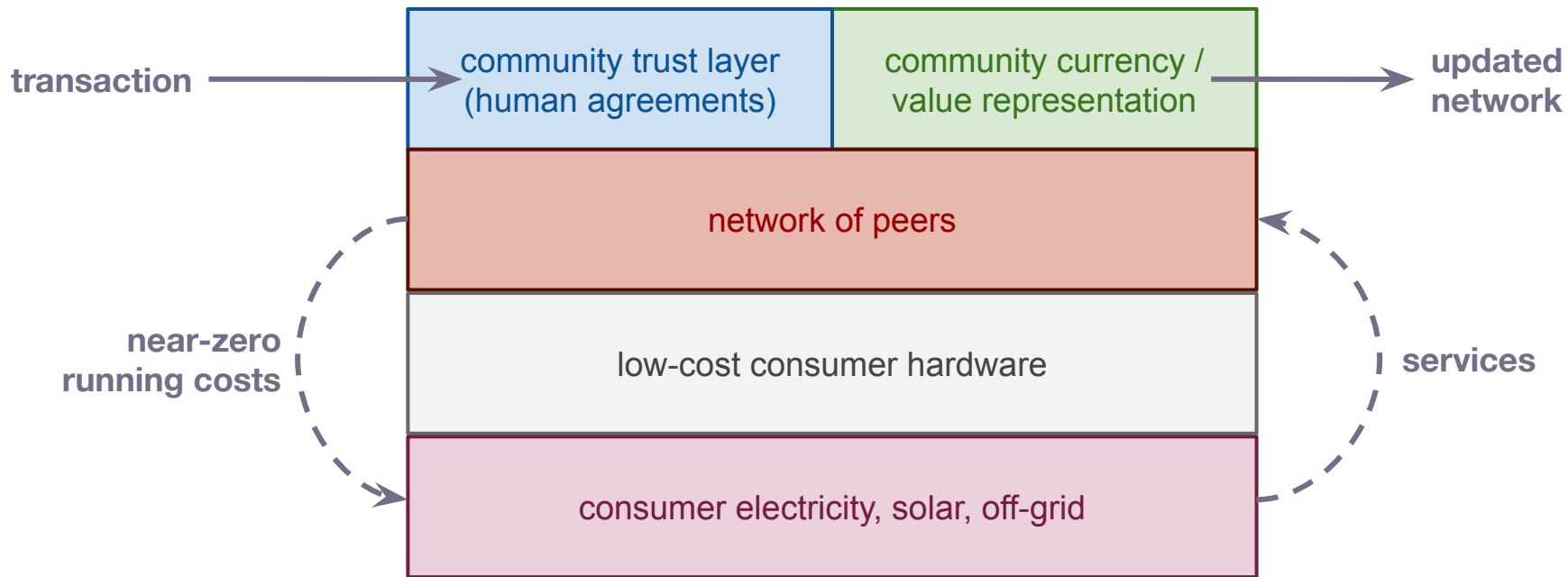




(At least, blockchains which have cryptocurrencies are.)

Blockchains are global
capitalism.





Fundamental goal

We must own the technology we use.

Rent extraction creates systems of oppression



predictive
behavioural
models



surveillance



fake news



behavioural
manipulation
commodification



censorship

filter bubbles



Accounting systems are
systems of meaning.

Fundamental goal

Tech needs to be human.

(tell stories!)

monopolisation



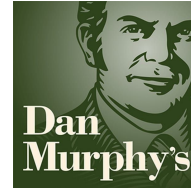
slave labour



creeping
acquisitions



mass-produced,
imported goods



intensive industrial
agriculture



coles

predatory pricing



anti-competitive
practises



Tandy



low profits for
farmers
& suppliers

BIGW



greenfield
acquisitions



fossil fuel investments



(someday, this will mean AI)

We need our own
systems of meaning.

Taco Tuesday



Jacqueline Bruzek ×

Taco Tuesday

Hey Jacqueline,

Haven't seen you in a while and I hope you're doing well.

Sarah Lorens



Explore space/ communities/ skills/ friends



thank / wish / create



Hey @John, Thanks for the help in the #Garden! It looks amazing!

Magic power icon

Recent Adventures

Amazing trip! Thanks to our driver Sarah! We love you!!!



Max

Hey @Sue, Thanks for the help with the #sheep!



Jack

Oh I Wish...

Can anybody come next Tuesday for a working bee in my garden please?



Fion

Wow @Jo! Thanks to you the house-track is ready for adventures! #Builder hero!!!



Alex

COMMUNITIES



LYTTELTON TimeBank

LOCAL SKILLS MAP



The end of money

In one interpretation, REA accounting is fundamentally about **bringing back the barter system**.

Once we use the **same language** to describe **all resources**, they can all be **exchanged interchangeably**. We don't need money as a stand-in anymore.

Why would we need money?

1. A unit of account
2. A store of value
3. A solution for the “double coincidence of wants”

“ *When money shall be recognized in the law, when it is defined, when its volume, magnitude, dimensions, limits are set forth as precisely, fixed as unchangeably, and protected as securely from alteration, as are now the dimensions of the yard-stick, the pint-pot, and the pound-weight, then, and then only, will money perfectly resemble other measures; for then only will it become a concrete thing of known dimensions. When this comes to pass, Aristotle's definition of its function will resume its original correctness, and money will be as fit in fact, as it is now only in theory, to measure the relation called **value**.*

Alexander del Mar, The Science of Money (1885)

Things we need:

- “**protocol councils**” for resource sharing networks
 - This process with **listing** the **goods** & **services** you have available & want to trade
 - Then figure out which **concepts** and **meanings** you’re going to describe them by
 - *(We’re creating more documentation and learning material to make this process easy- would you like to help us?)*
- Once we have these parts, our app toolkits come in to help you build out off-grid distributed apps quickly (see [Open App Ecosystem](#))
- Start small; with **individual communities** & eco-villages, then federations of local communities, then community networks...

Our world needs your *intent*s.



“

Perhaps 2019 should be the year of the **rural economic biome**.

Agricultural communities **create wealth** from **soil, sun, water** and **seed**.

They **increase** the **value** of **raw materials** by cleaning, processing and preserving them.

Excess is **aggregated** for transport to **larger markets**.

Wealth is **captured** and accumulated by **families** for food, education, housing and medical care.

Wealth is **deployed** by **communities** for water, energy, education, roads and sanitation.



Thankyou!

@pospigos

<http://pospi.spadgos.com>

Where to learn more

<http://valueflo.ws/>

<https://gitter.im/valueflows/welcome> (chat)

Case studies

<http://mikorizal.org/groups.html>

<http://locecon.org/>

https://www.youtube.com/watch?v=lxgp8_B9g5A

<https://www.youtube.com/watch?v=CKrScVH0NIY>

<https://docs.google.com/document/d/1g-7Xopde463xW0dGSDwZudhWlUFLzBhnJLzxOBxDEqE/edit>

Existing applications

<https://github.com/valueflows/vf-apps>

<http://nrp.sensorica.co/>

<http://www.fifthseasoncoop.com/>

History and future visions

<http://mikorizal.org/futures.html>

<https://github.com/django-rea/rea-app/wiki#background-info>

Theory & research

<https://msu.edu/~mccarth4/>

<http://www.jeffsutherland.org/oopsla2000/mccarthy/mccarthy.htm>

<https://www.iso.org/standard/67199.html>

Holochain work stream & ecosystem (my current focus)

<https://github.com/holo-rea/olo-rea>

<https://github.com/holo-rea/ecosystem/wiki/Coordinating-the-REA-community-of-practise>