- Innovation ist nicht Renovation!
- Wieso sprechen alle von etwas, das keiner macht?

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Anticipation - Deconstruction - Reconstruction - Values



# History





600 projects

More than 150 IPR families
Several design awards
Several technology awards
Swiss economic award `06



# Who needs "timely advantages"?



Small companies and big companies.

The Leader – The Number Two – The Start-Up – The Near Bankrupt.



#### The Gas Phase Toolkit



The gas phase toolkit is a framework and source of inspiration.



#### The tools overview

#### B12 - creafund C07 - context map C25 - 1000 \$ A01 - today & tomorrow C26 - new, useful, feasible B13 - goldfire innovator A02 - disturbing factor B14 - competitive products C27 - pinc check C28 - negative selection - innovation space B15 - bionics C08 - brainstorm checklist B16 - special assignment C09 - brainstorm rules C29 - now-how-wow go or no go C10 - warm me up A05 - innovation hurdles user inspiration C11 - post-it storming next steps project anchor B17 - observe in context C12 - we tried that before C30 - cost-benefit-risk B18 - expert user interview C13 - is & is not C31 - moving forward C14 - the 6-3-5 method B01 - my role B19 - extreme viewpoint B02 - responsibility matrix B20 - five whys C15 - mind mapping B21 - a day in the life B03 - facts & figure C16 - morphological analysis B04 - state of the industry \* B22 - draw the system C17 - provocation **B05** - stakeholder map B23 - prioritise needs C18 - reverse thinking B06 - stakeholder matrix C19 - six thinking hats **B07** - great places C20 - role play C21 - mix & combine **B08** - workshop logistics C01 - break the ice \* C02 - hopes & fears broad inspiration C03 - mood-o-gram **B09** - knowledge extraction C04 - diverge & converge C22 - criteria list B10 - internal knowledge C05 - creativity decathlon C23 - voting B11 - licence inspiration ' C06 - what's the problem? C24 - baseline screening



# The tools overview today

```
#A02 disturbing factor
#B03 facts and figures
#B18 expert user interview
#C03 mood-o-gram
#C04 diverge & converge
#C09 brainstorm checklist
#C14 the 6-3-5 method
#C25 1000 $
#C30 cost-benefit-risk
```



#### #C03 mood-o-gram

Sometimes people can feel lost or 'in the fog'. By telling everyone this can help to reassure them this is to be expected and is part of the creative process.





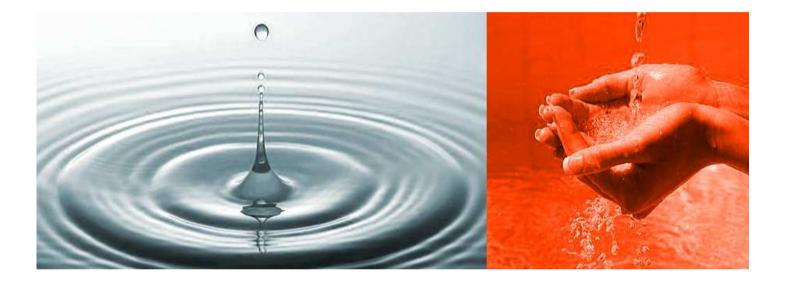
# Our Start-Ups



SMIXIN is in the caterpillar stage ... it is functioning technology, but we don't know yet what it will develop into.



# **Entrepreneur Club 2010**



**SMIXIN** 

Our aspiration ... Can a hygienic cleansing still be achievable if we use 10x less water and energy?



#### Hand washing is a simple way to stay healthy...

The first component of body hygiene
Performed by almost 100% of the population
Performed every day, 7 days a week
No time consuming, no special effort needed
Great way to prevent illness





#### Reinventing the hand washing process

- + Optimise the soap dosing
- + Innovate the soap-water mixing









#### A perfect hand washing with half a cup of water

Experience of a new sensitivity

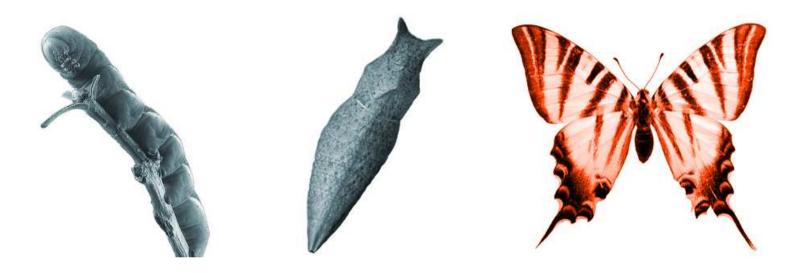
90% reduction of water consumption (0.1L)

Repeatable and controllable hygiene level





# Our Start-Ups



WOODWELDING is in the butterfly stage ... it is a mature product existing in the real world and creating it's own opportunities.



## WoodWelding



Our aspiration ...

Constructing methods with wood remained the same since centuries. Why is it not possible to weld wood.

## WoodWelding



Our inspiration ...

Wood or plastic plugs are used as a common fixing method. But a tree in the ground is not a plug.



# **WOODWELDING® TECHNOLOGY**Platform Technology for Universal Anchoring

....in porous materials...

1996

...even in mostly air...

2006



2005

















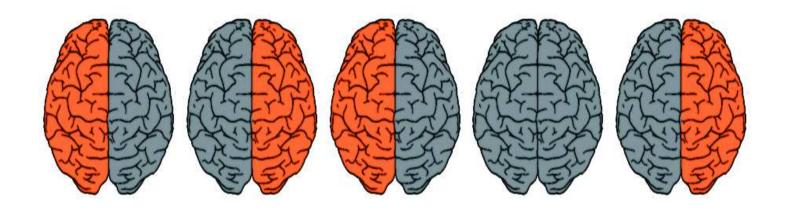


# Entrepreneurship

"The industrial decathlon"



# Multiplication of brainpower



A rich mixture of expertise and experience, diverse cultural backgrounds



#### Look for the real need





Look for the real need and not for the symptoms



# Let yourself be kissed from the muses



Playful imagination.



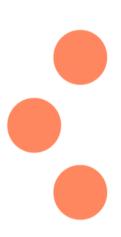
# creates timely advantag

#### Be a rule breaker



A complete change in thinking or belief system that allows the creation of a new condition previously thought impossible or unacceptable.

# Look for inspiration everywhere



freedom movement fantasy inspiration dreams invention imagination creativity utopia reaction explosion chaos pressure illusion

logic
systematic
clarity
efficiency
structure
reality
exactness
seriousness
power
stability
strength
consistency
erosion

maturity



'Love-hate' relationship between 'gas' & 'solid' states



### **Passion**



... die leidenschaftliche Hingabe.



# Humbleness to accept better solutions



Humility, to improve



# Playful imagination



What floats?



# Playful imagination





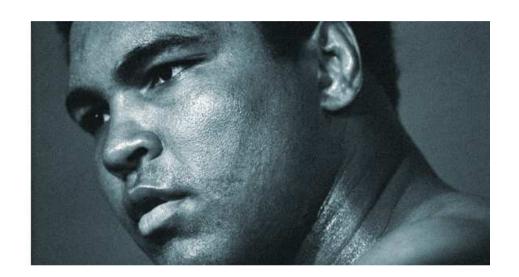
Both!

Virtuosity is not creativity



#### Be an innovative rebel and take risk





"Innovation is the strongest weapon!"



## Shake the "Status Quo"



Everyone asks for INNOVATION.
But they mostly mean RENOVATION.



# Stay flexible for the unexpected







# Stay flexible for the unexcepted







#### Luck and humor



Im Land der untergehenden Sonne werfen selbst Zwerge grosse Schatten.



#### **Entrepreneurship "The industrial Decathlon"**

- Multiplication of brainpower
- Look for the real need
- Let yourself be kissed from the muses
- Be a rules breaker
- Look for inspiration everywhere
- Passion
- Humbleness to accept better solutions
- Playful Imagination
- Be an innovative rebel and take risk
- Shake the "Status Quo"
- Stay flexible for the unexpected
- Luck and humor



Just follow your dreams!!!

### Merci!

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