

# BUSINESS TRIZ ONLINE WINTER 2021

#### How to use TRIZ on information flow management

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### Original e.g

• When we discuss a question about the Function.





• Sport car



NAL BUSINESS

TRIZ ASSOCIATION

# Parameter of the object between the question

• What was changed between two cars?





| Technique system | Change the position          | Change the position          |  |
|------------------|------------------------------|------------------------------|--|
| Business system  | (How to) Change the position | (How to) Change the position |  |

BUSINESS

# Parameter of the object between the question

• What was changed between two cars?





| Technique system | Change the position                         | Change the position          |  |
|------------------|---|------------------------------|--|
| Business system  | ( <mark>How to</mark> ) Change the position | (How to) Change the position |  |

BUSINESS



#### Parameter in business management

• How to....?





- For a single function, Technique system should improve the value of the system while reduce the cost. (As some part of business management)
- Another way to improve the value of the system inbusiness mangement is improving the addition value in the system when keep the base function to increase the space of system value.



#### Parameter in business management

#### • What is it ?

|                      |                                    | TOYOTA                             |  |
|----------------------|------------------------------------|------------------------------------|--|
| Base function        | Move/transfor                      | Move/transfor                      |  |
| Addtional Function   | ( <mark>show</mark> )leader/Top of | ( <mark>effort</mark> )fast/cheap/ |  |
| • It's INFORMATION ! |                                    |                                    |  |



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#### Information in business management

Different requirement of information in different times

|                          | Agricultural Economy    | Industry Economy                | Data Economy             |
|--------------------------|-------------------------|---------------------------------|--------------------------|
| Object of action         | act in the same land.   | act in the same<br>equiptment   | Acts in the dynamic data |
| Duration                 | all the time            | several times                   | temporary time           |
| The frequency of updates | single skill to product | update skill with<br>equiptment | change with the<br>data  |
| The form of knowledge    | Point                   | Line                            | Area                     |





labourer skill updating



• Different requirement of information for improving labourers.





• Difference between information flew in business management in technique sytem.

| System                 | Types of flew                           | Usage of flew | Key process | Quality requirements                 |
|------------------------|---|---------------|-------------|--------------------------------------|
| Technique<br>system    | Object/energy/infor<br>mation flew      | Product       | transfor    | Completly<br>(Roger!)                |
| Business<br>management | Technique/Function<br>/information flew | coordination  | communicate | Effective<br>( <mark>Clear!</mark> ) |



• Information flew model in business management





• Information flew management in business management.





• Information flew management in business management.







- The key: How to improve the communication?
- How to know the impoving of the communication?



#### Q & A

#### Email for communicating: <a href="mailto:zhangting@cqupt.edu.cn">zhangting@cqupt.edu.cn</a>





#### THANK YOU!

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