

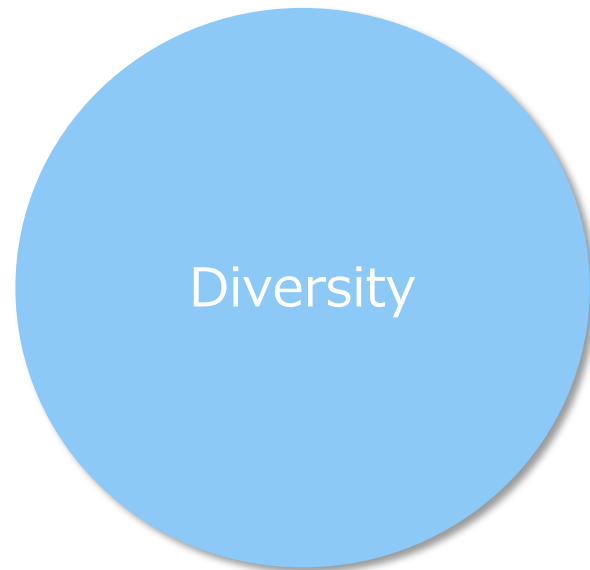


# Pre-Workshop Instruction

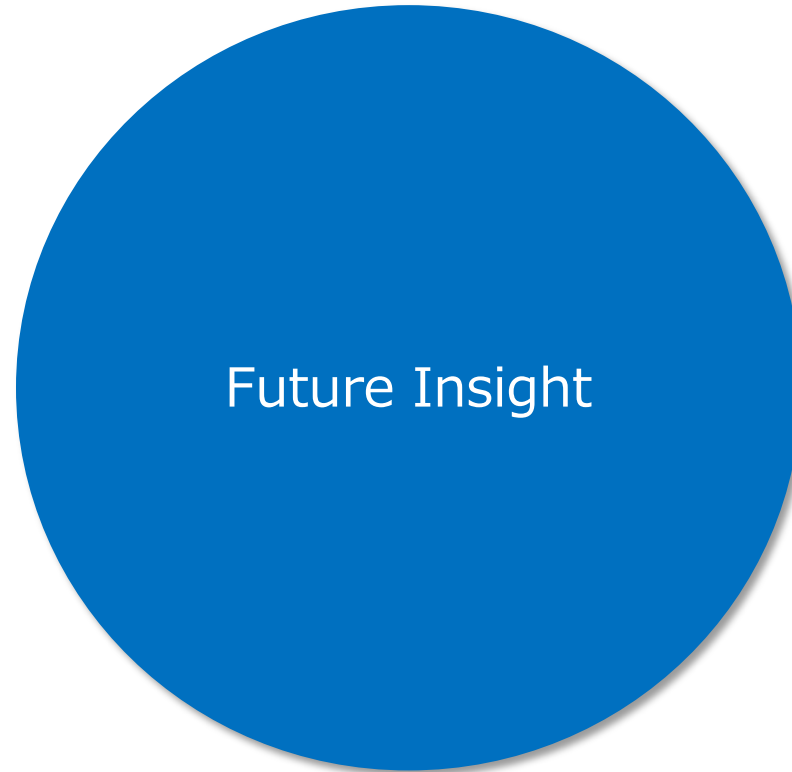
27<sup>th</sup> March 2022

Toru Nakayama  
IBM Client Engineering  
Business Transformation Consultant

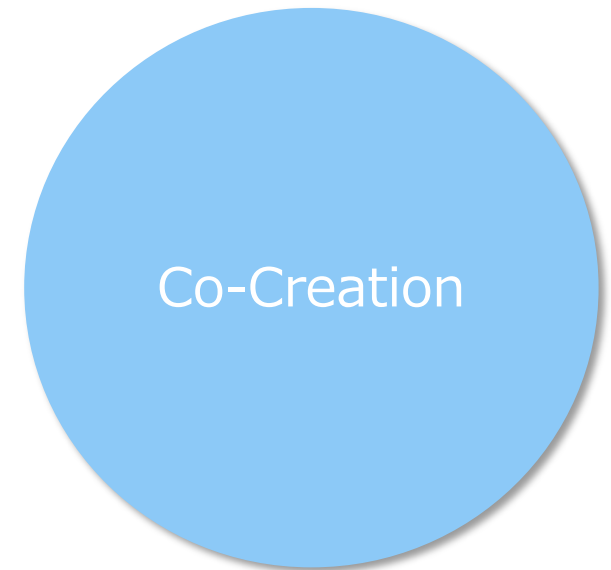




Various schools/majors  
Various companies  
Various Expert

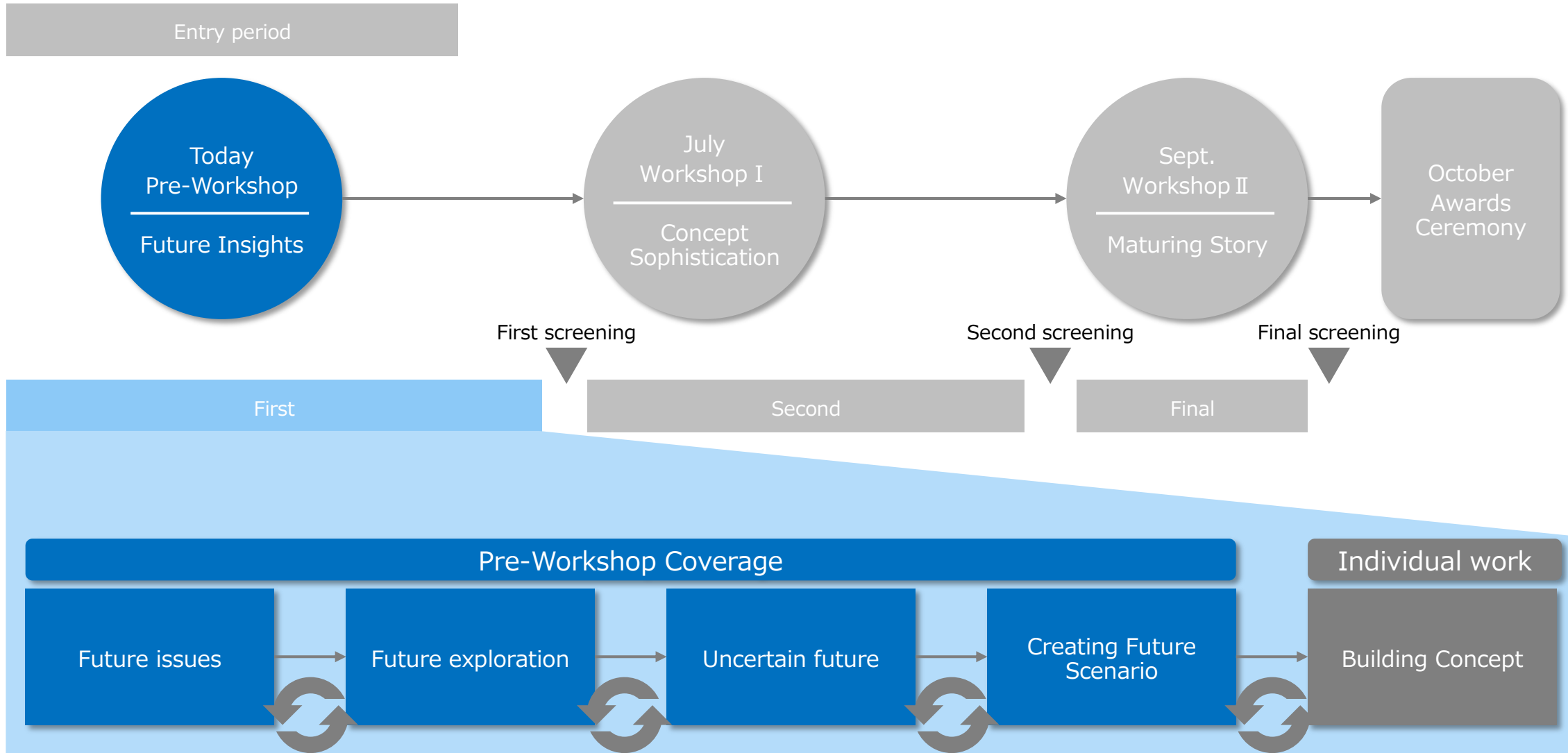


Forecast  
Backcast  
Hypothesis construction



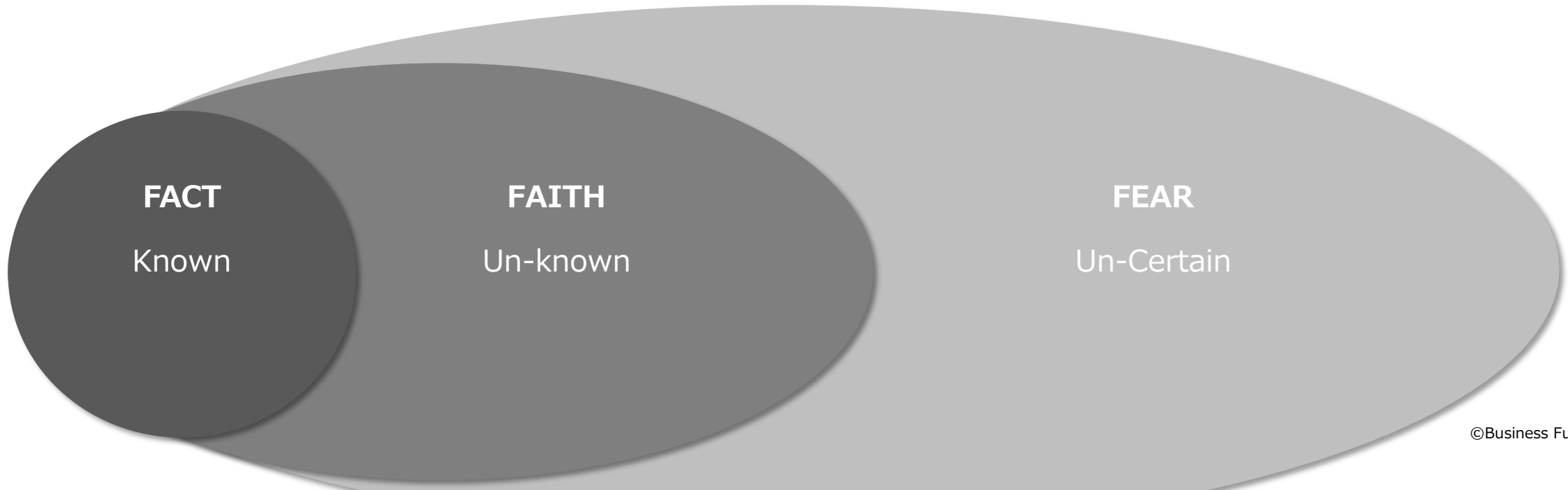
Taking difference in from others  
Sharing your thought/insights

# Pre-Workshop coverage



Let's create future scenario together.

# Approach for future hypothesis construction



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Inside out thinking

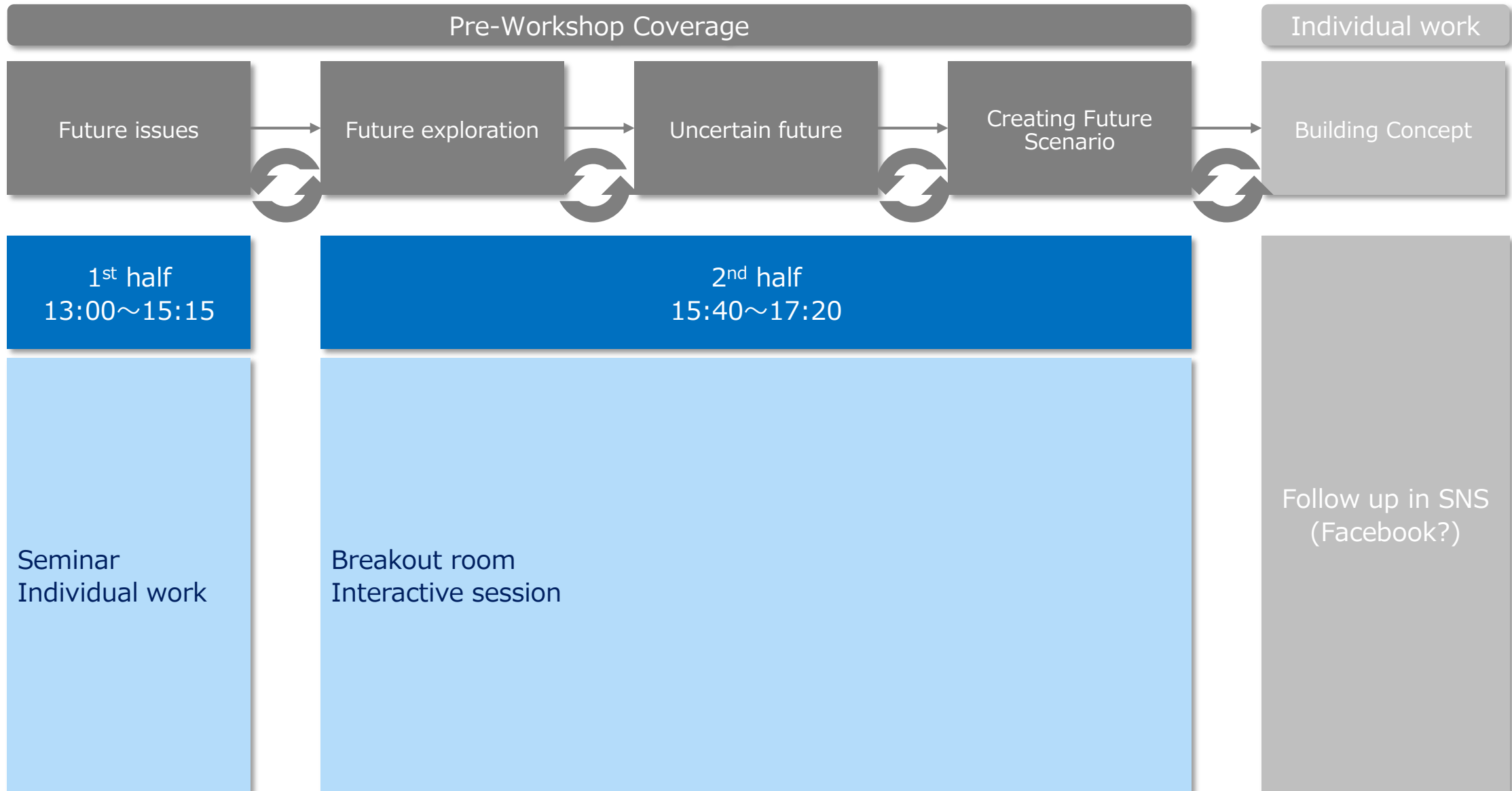
**Keynote/Expert Presentation**  
Several Research



Outside in thinking

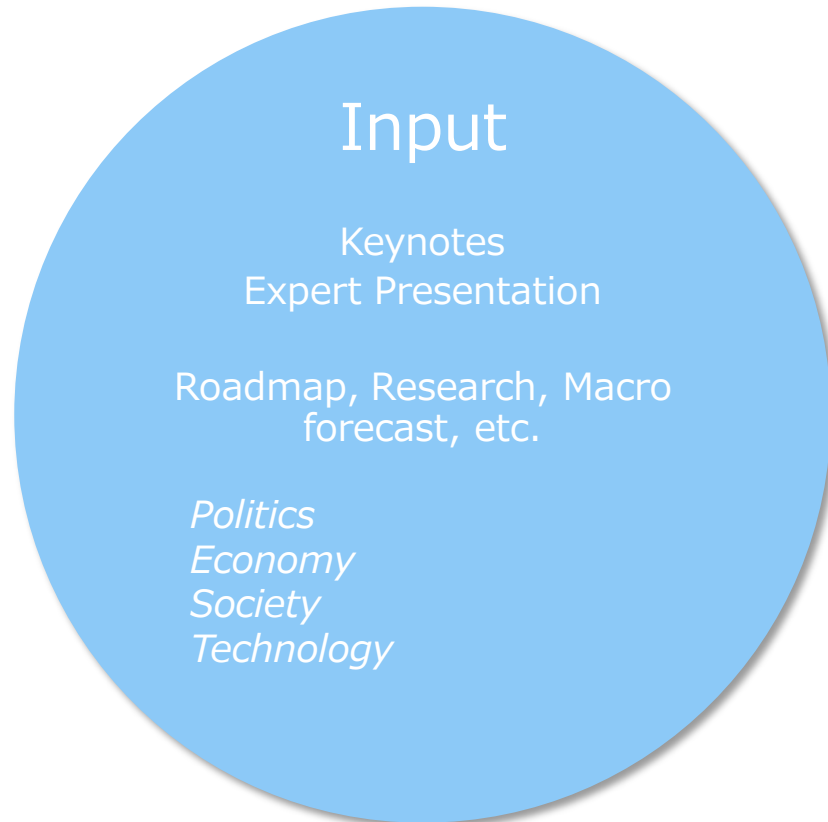
**Future Exploration**  
SNS, Blog, SF Movie

# Pre-Workshop Overview



## Future issues

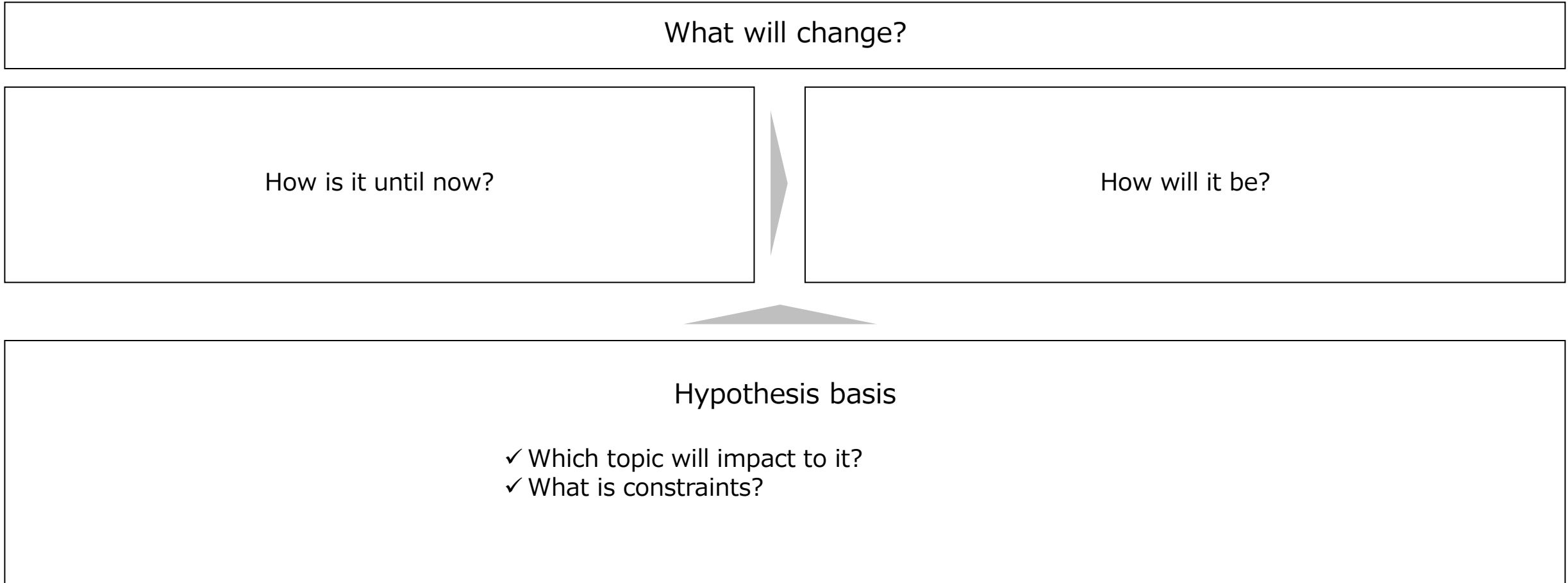
Initial hypothesis construction about key points of **CHANGE** according to inside-out thinking



# Worksheet 1 Future Insight



Worksheets are in MURAL. Please find and choose one space.  
Write your name in gray stickynote upper Left side.



# 2<sup>nd</sup> half Future exploration



Choose one breakout room which you like.

Breakout room 1

Human and EV

Breakout room 2

Social/Environment and EV

Breakout room 3

Technology and EV

## Future exploration

Future scanning and hypothesis construction about uncertain future **CHANGE**

## Creating Future Scenario

Combine worksheet 1 and 2. Ideate future needs.



## Future exploration

Future scanning and hypothesis construction about uncertain future **CHANGE**

## Future Timeline

西暦検索

2022	2023	2024	2025	2026	2027	2028	2029	2090	2091	2092	2093	2094	2095	2098	2099				
2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2100	2101	2103	2104	2105	2107	2108	2109		
2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119
2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2120	2121	2122							
2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2137									
2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2140	2141								
2080	2081	2082	2083	2084	2085	2086	2087	2088		2150									

2035年 交通の未来 (134 ミライ) 絞り込み: 分野 交通 (134) PAGE 1 2

- 2035 交通 経営再建に取り組む京都市の地下鉄が、単年度収支の黒字化を達成する
- 2035 交通 関西3空港問題に取り組む大阪府が、リニア中央新幹線の開通と同時に大阪（伊丹）空港を廃港する（JR東海のリニア計画を10年前倒し）
- 2035 交通 大阪（伊丹）空港の発着数が中央リニア、九州新幹線の開通で35%減少し、関西国際空港の国際線はアジアの経済成長で75%増加する（関西3空港問題）
- 2035 交通 目的地を入力するだけで到達できる自動運転システムが実用化する
- 2035 交通 直線ルートを選択し、大阪開通をこの年に前倒したりニア中央新幹線の費用対効果が1.58倍になる（2045年開業の直線ルートは1.51倍。伊那谷ルートは1.24倍）
- 2035 交通 この年までに米国人人口の8割が高速鉄道を利用できるようになる（25年以内）
- 2035 交通 茨城県の公共交通輸送人員が2010年比で23.6%減少する

Extract future topic from "Future Timeline"

Write topic in MURAL

## Uncertain Future

hypothesis construction about uncertain future **CHANGE**

### Title

#### Overview

- ✓ What is change?
- ✓ Which scene?

#### Point

Until now


But,


in 2040.

#### Background basis

Topic from Future timeline and Expert presentation

# Creating Future Scenario



Combine worksheet 1 and 2. Ideate future needs.

