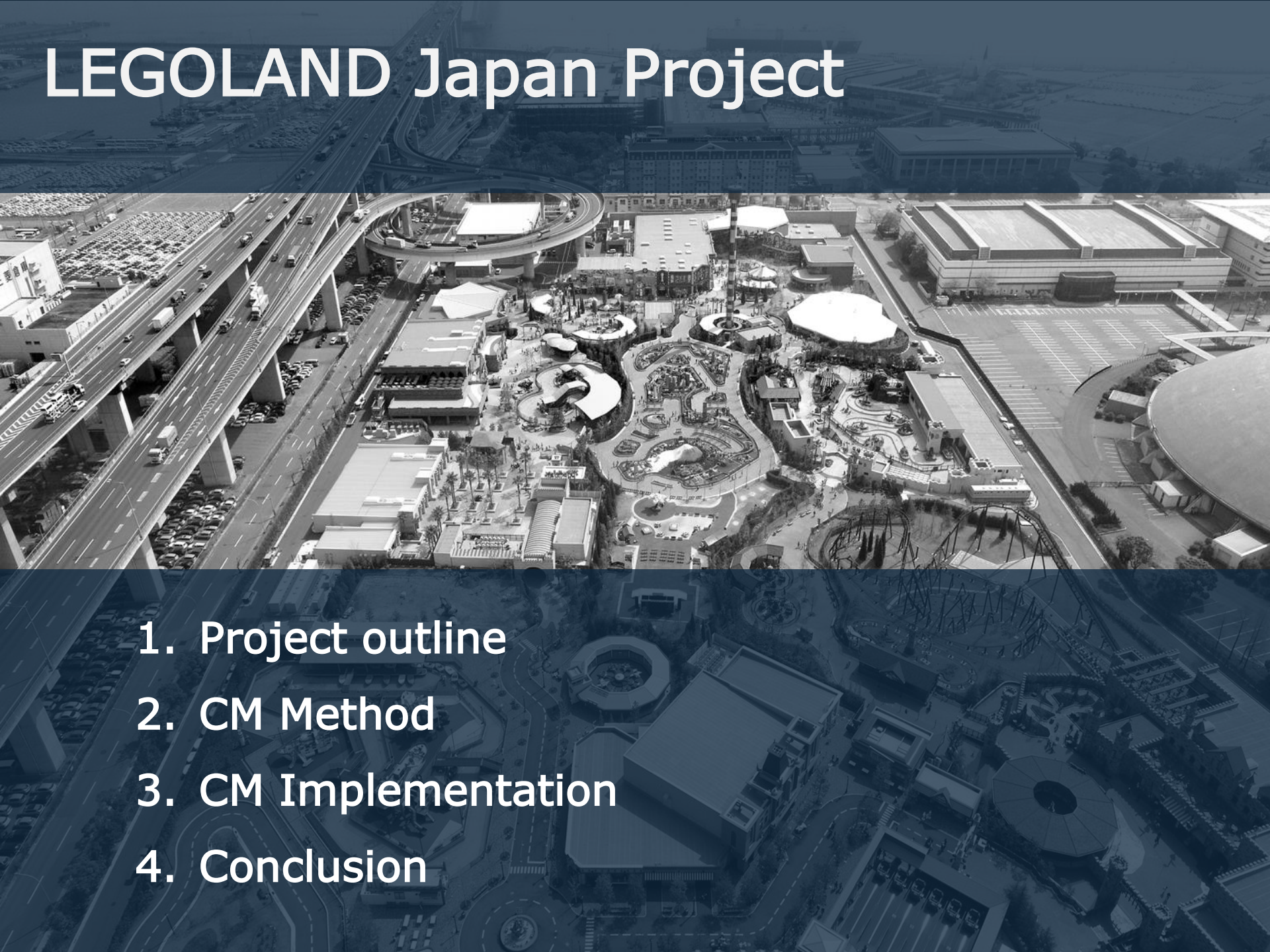


LEGOLAND Japan Project

An aerial photograph of the LEGOLAND Japan project site. The image shows a large parking lot on the right, a highway interchange on the left, and the central theme park area with various rides, buildings, and landscaping. The image is overlaid with a dark blue semi-transparent layer containing the project title and a list of topics.

1. Project outline
2. CM Method
3. CM Implementation
4. Conclusion

Project outline

Project owner: LEGOLAND Japan Limited

Project period: March 2013 – March 2017

Location: Nagoya city, Aichi prefecture

Total site area: 9 ha

Buildings: 43

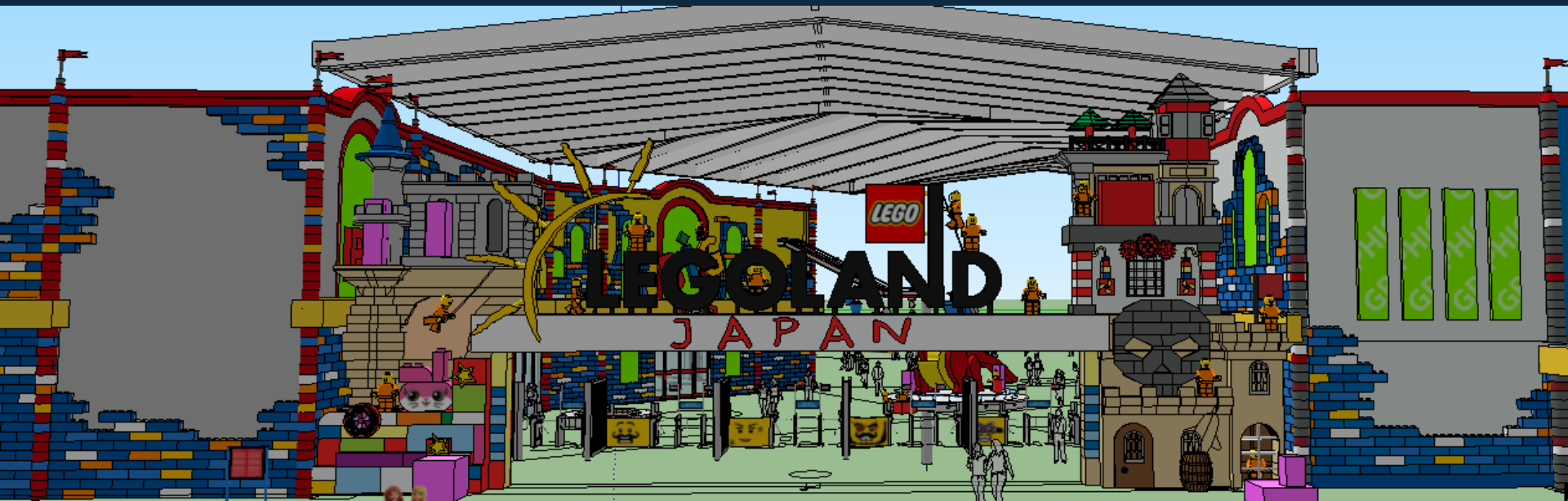
Total floor area: 32k sqm

Attraction: 22

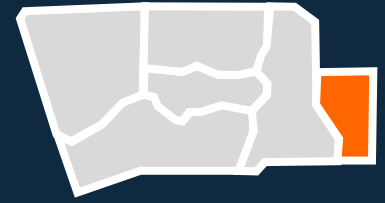
Indoor/out door play area: 14

Theater: 2

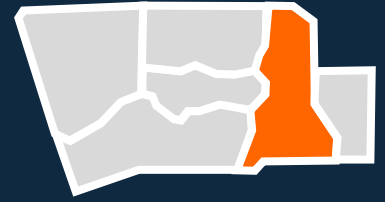
Restaurant: 10



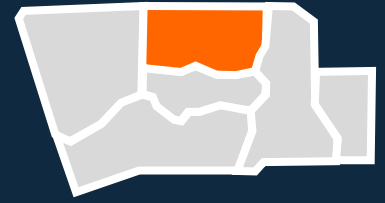
Factory



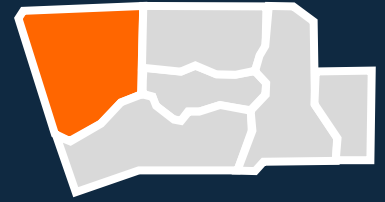
Bricktopia



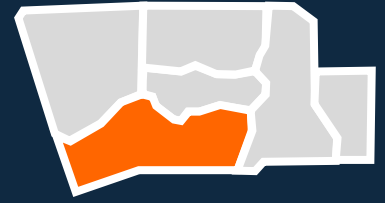
Adventure



LEGO City



Knight's Kingdom



Everyone's collaboration for Design integration

An aerial photograph of a city landscape. On the left, a multi-lane highway interchange with several overpasses and ramps is visible, with cars traveling along it. To the right of the highway, there are various urban buildings, including a large, multi-story commercial or institutional building with a flat roof. In the background, a body of water and a bridge can be seen. The overall scene is a mix of infrastructure and urban development.

2. CM Method

- ✓ CMr's role
- ✓ Project organization
- ✓ Time charge system
- ✓ CM communication tools

CMr's role

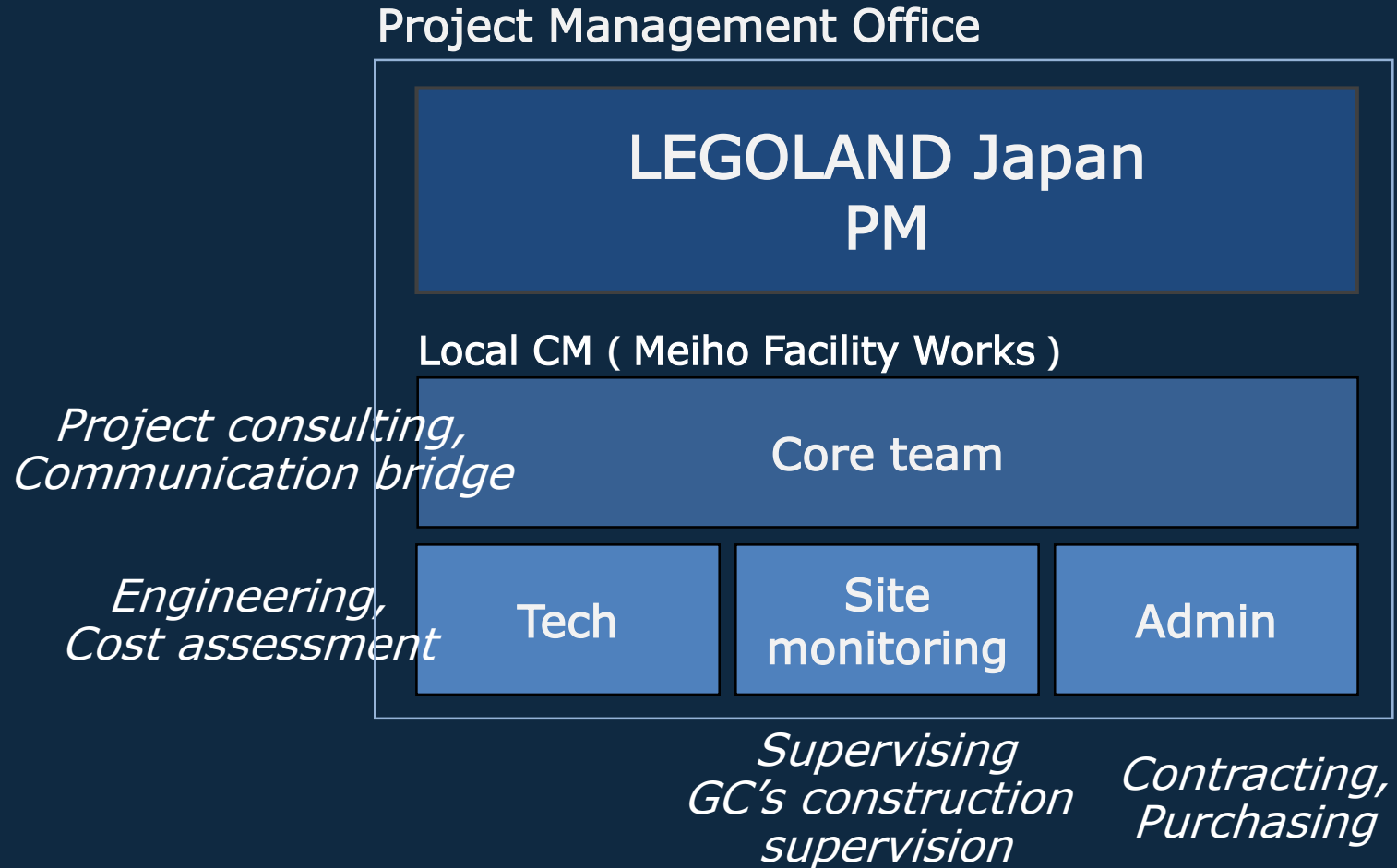


Communication
Bridge

Open Management
Process

Administration
Support

Project organization



Time charge system

概略スケジュール			8	9	10	11	12	1	2	3	4	5
KOミーティング・要件確認												
Design		設計	基本計画	基本設計	実施設計							
Estimate		概算	概算	概算	見積							
Teiho Fee Proposal												
Position	Name	Monthly (20d)	8	9	10	11	12	1	2	3	4	5
Project leader	TBD	¥3,200,000				40%	40%	40%	40%	40%	40%	40%
Design PM	TBD	¥2,560,000				60%	60%	60%	60%	60%	60%	60%
Admin Mgr	TBD	¥2,560,000				20%	20%	20%	20%	20%	20%	20%
Subtotal												
Total												

Fixed hourly
rate per
expertise

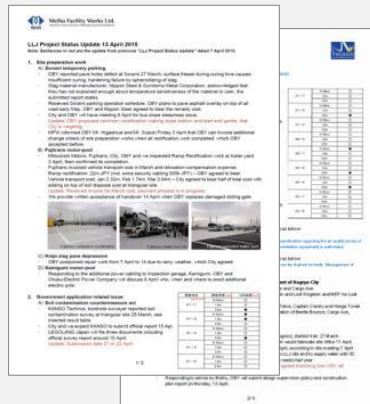
Assumed
program &
events

Assigned
player for
agreed time

Proactive & flexible management

CM communication tools

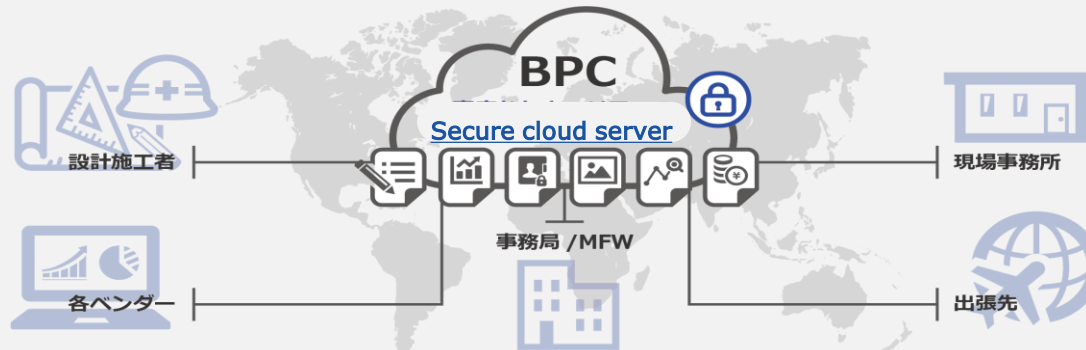
Project status report



Project presentation

LEGOLAND JAPAN Schematic Design Phase – Progress Update	
ITEM	STATUS
Site Specific Cost	Leaseholders Meetings - Motor-pool relocations are mostly confirmed. Final agreement meeting to be set-up. - Temporary parking are mostly specified, to be confirmed by Merlin. - Exhibition hall renovation needs to be reviewed by MEB maintenance & repair division.
Schedule <i>*See following page</i>	Overview Schedule - EIA process is critical path for the overall schedule, other permits fit within the time frame. - Need to allocate minimum 18 months for construction, as confirmed earlier. - Need to start Design Builder selection by PM and DD by Forec prior to official "Go ahead".
Procurement / Construction Methodology <i>*See following page</i>	Formation of Design & Construction Teams - Design Build is a project delivery system best fit to LLJ Project due to the overall schedule. - Need to study further on Team Formation - single DB or Joint Venture DB. - Need to discuss on Design and Construction Management Methodology during SD phase
Project Delivery Organization <i>*See following page</i>	Local Project Organizations - Need to finalize Nihon-seikei's work scope (after SD phase) during this week. - Need to assess Design Builders' labor shortage - construction workers and A & E staff - Need to discuss on the Framework of Project Organization during this week.

Business process collaboration system



An aerial photograph of a cityscape. On the left, a multi-lane highway with an interchange runs diagonally. To the right of the highway, there are several large, modern buildings, including a prominent one with a curved facade. In the background, a body of water is visible with some industrial structures. The entire image has a blue tint and a semi-transparent dark blue overlay in the center where the text is located.

3. CM Implementation

- ✓ Bridging method
- ✓ Design/VE fast track
- ✓ Cost transition
- ✓ Quality management
- ✓ Owner's PM support

Bridging method



Design/VE fast track

Design intent transferred

Schematic Design

Bid

Design Build

24
%

VE/CD

Costing

Design

VE/CD

7 Months
Saving

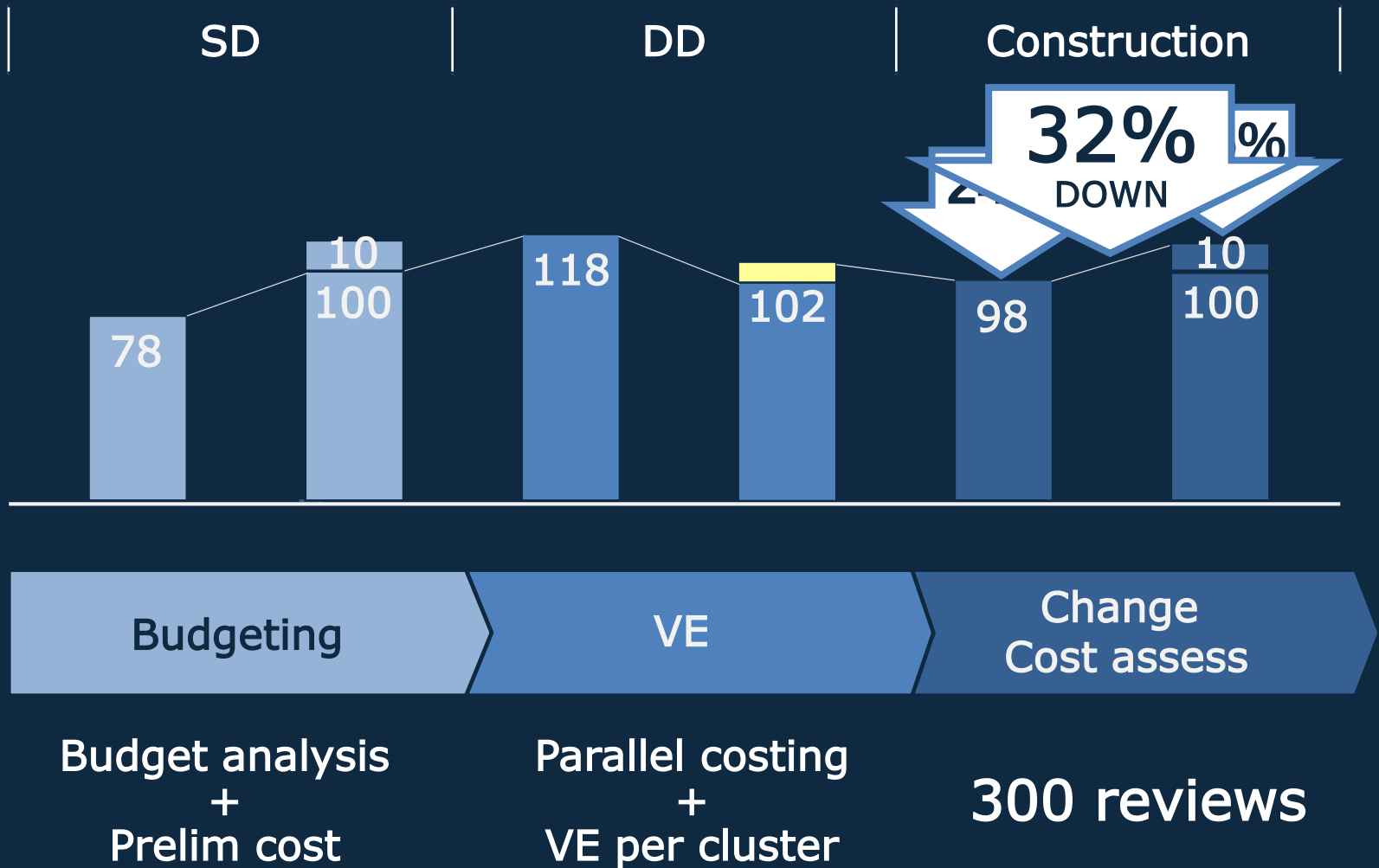
Design Int.

Costing

Design Int.

CONTRACT

Cost transition



[illegible]

20 February 2016

4. Plaything, Ball, Wastebasket, cup, water bottle
(based on a list of 100 common objects)
changing into an abstract world



Melroe Parfums Works Ltd.

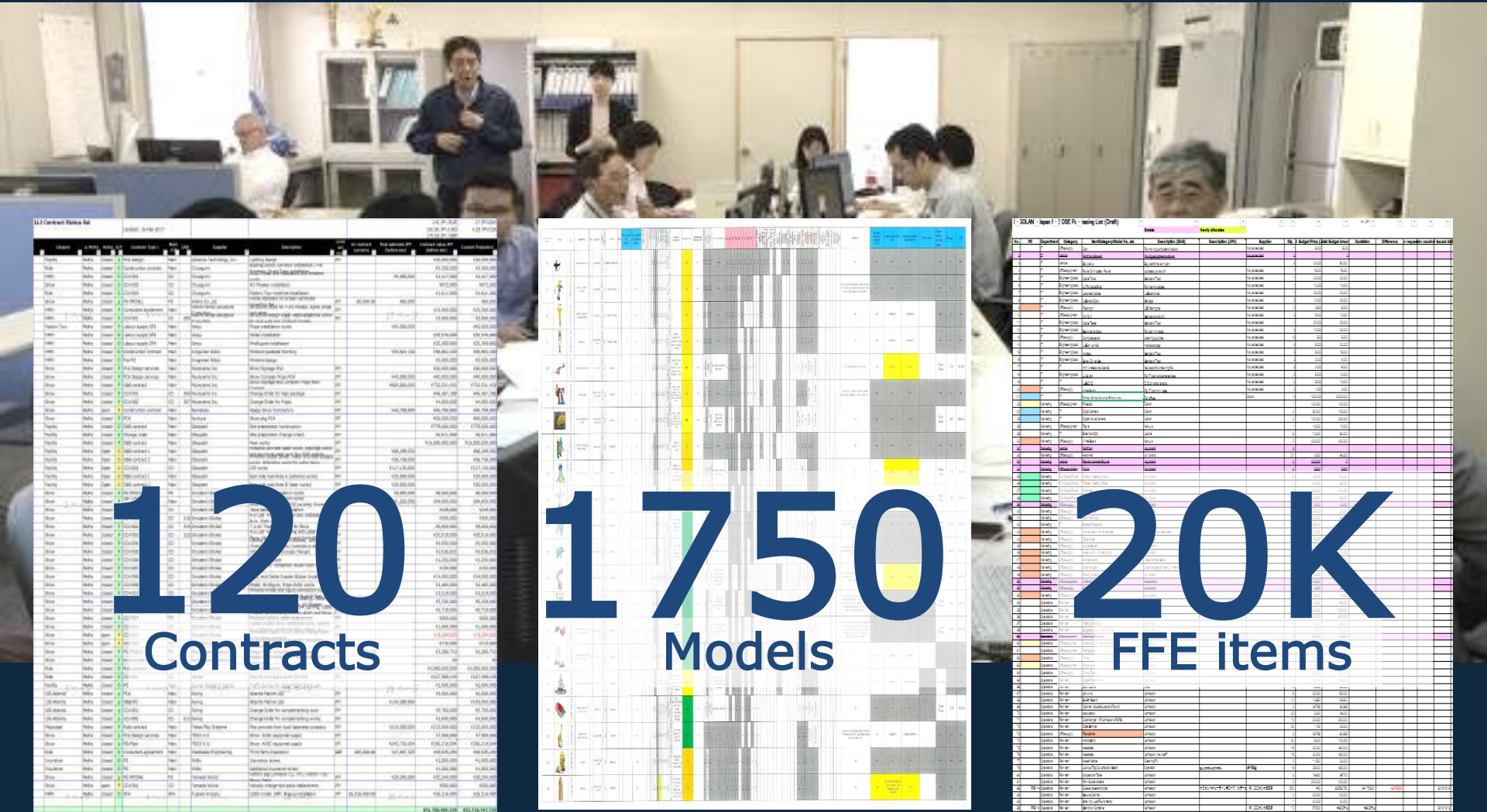
Placemark

8	陸海軍航空隊に加入して	1	は	2	3	4	5	6	7	8	9	0
9	陸空兵の募集を積極的として海陸陸軍やCFRの	1	は	2	3	4	5	6	7	8	9	0
10	隊内に幹部のビルを支配、組織を	1	は	2	3	4	5	6	7	8	9	0
11	隊本部を通じて	1	は	2	3	4	5	6	7	8	9	0
12	隊本部を通じて	1	は	2	3	4	5	6	7	8	9	0
13	隊本部を通じて	1	は	2	3	4	5	6	7	8	9	0
14	隊本部を通じて	1	は	2	3	4	5	6	7	8	9	0
15	隊本部を通じて	1	は	2	3	4	5	6	7	8	9	0
16	隊本部を通じて	1	は	2	3	4	5	6	7	8	9	0
17	隊本部を通じて	1	は	2	3	4	5	6	7	8	9	0
18	隊本部を通じて	1	は	2	3	4	5	6	7	8	9	0
19	隊本部を通じて	1	は	2	3	4	5	6	7	8	9	0
20	隊本部を通じて	1	は	2	3	4	5	6	7	8	9	0

Design che

[illegible]

Owner's PM support





4. Conclusion

CM Accomplishment



“Meiho always remained level-headed and provided solutions to various issues. This project cannot be accomplished without Meiho’s support.”

Ray Dubois, Senior project manager





Thank you