



**dan pearlman**

EXPERIENCE ARCHITECTURE

**ZOO EVOLUTION AND THE ROLE OF DESIGN**

**Zoo Design Conference April 2017**

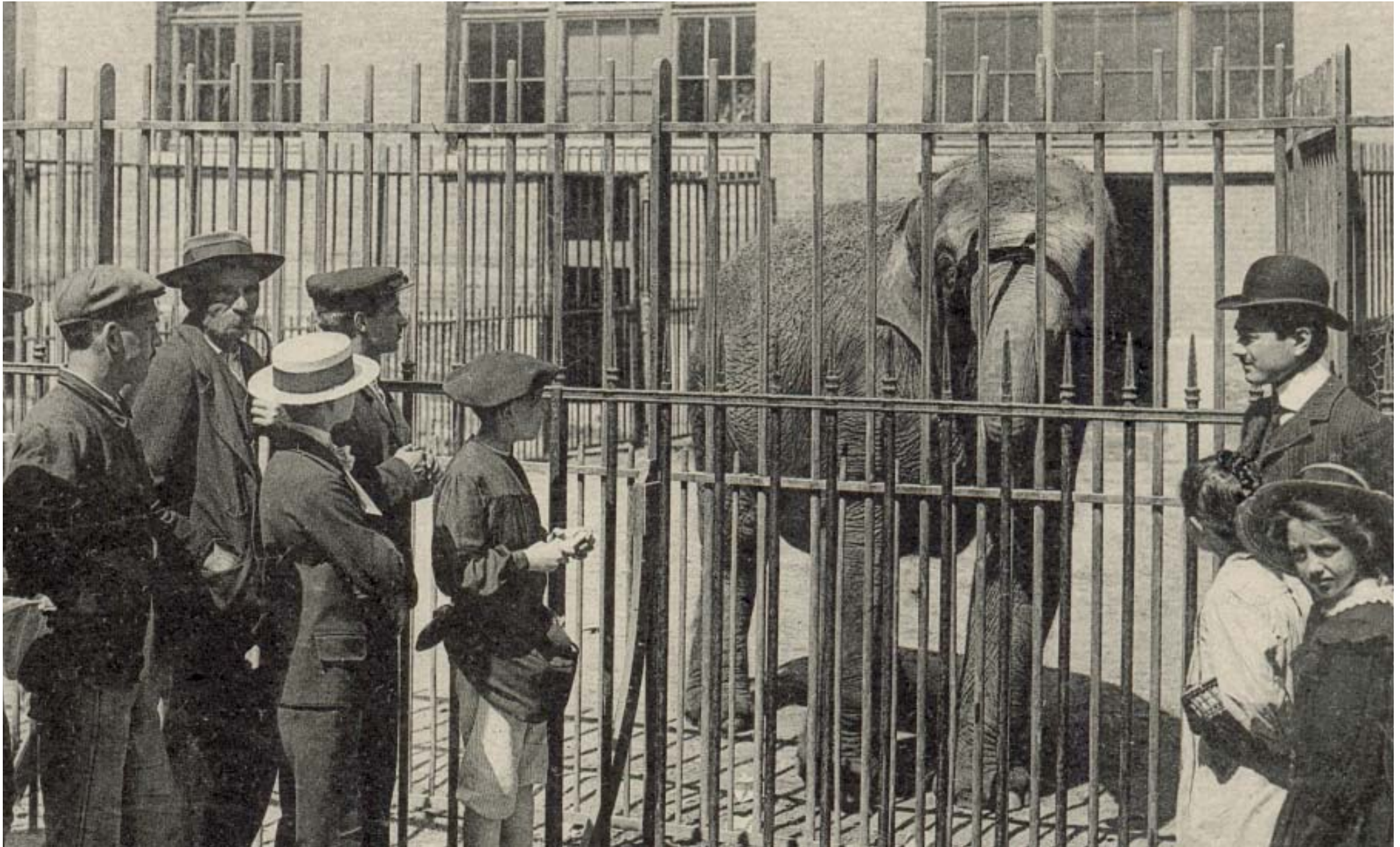
# EVOLUTION

Tower of London | Royal Menagerie



# EVOLUTION

Paris Jardin des Plantes | Menagerie





# EVOLUTION

Tiergarten Schönbrunn | Menagerie





# EVOLUTION

Stuttgart Wilhelma | Historicism





# EVOLUTION

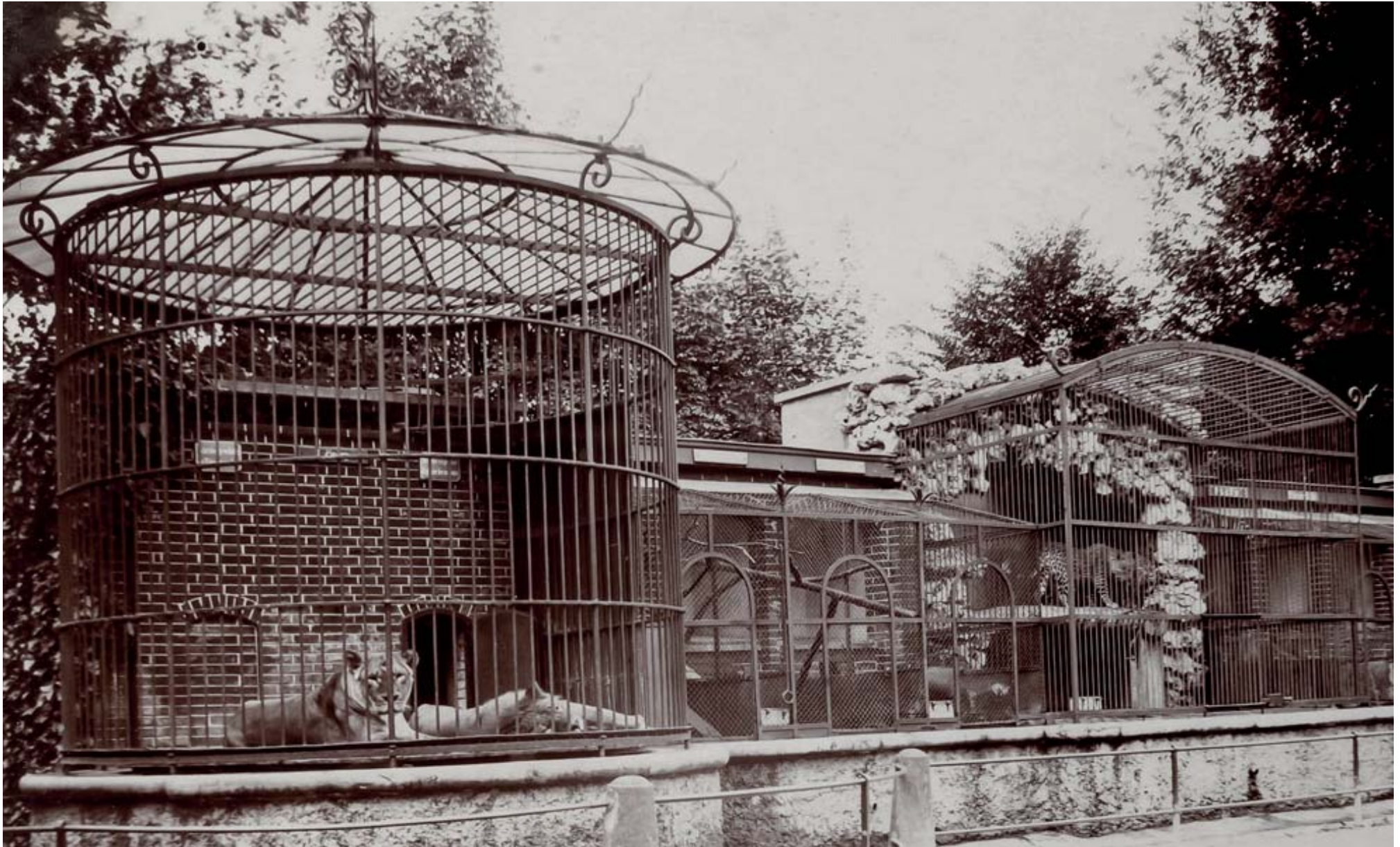
Berlin Zoo | Historicism | Themed Architecture





# EVOLUTION

Basel Zoo | Taxonomy and Systematics





# EVOLUTION

Basel Zoo | Bear Pit





# EVOLUTION

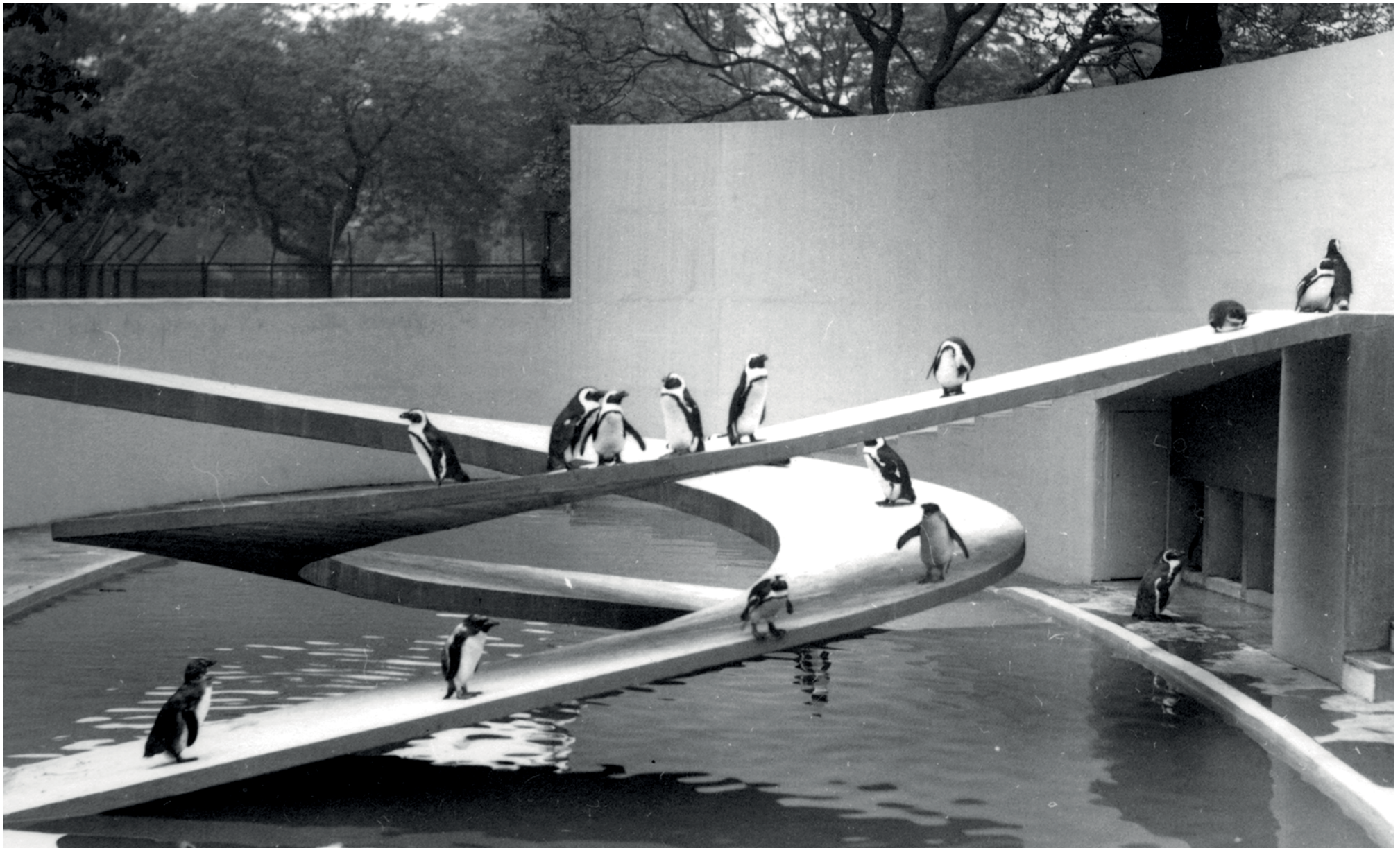
Hagenbeck Zoo | Habitat Immersion





# EVOLUTION

London Zoo | Modernism





# EVOLUTION

Basel Zoo | Functionalism



# EVOLUTION

Wien Tiergarten Schönbrunn | Conversion





# EVOLUTION

Wilhelma Stuttgart | Functionalism





# EVOLUTION

Copenhagen Zoo | Signature Architecture





# EVOLUTION

Seattle Woodland Park Zoo | Habitat Immersion





# EVOLUTION

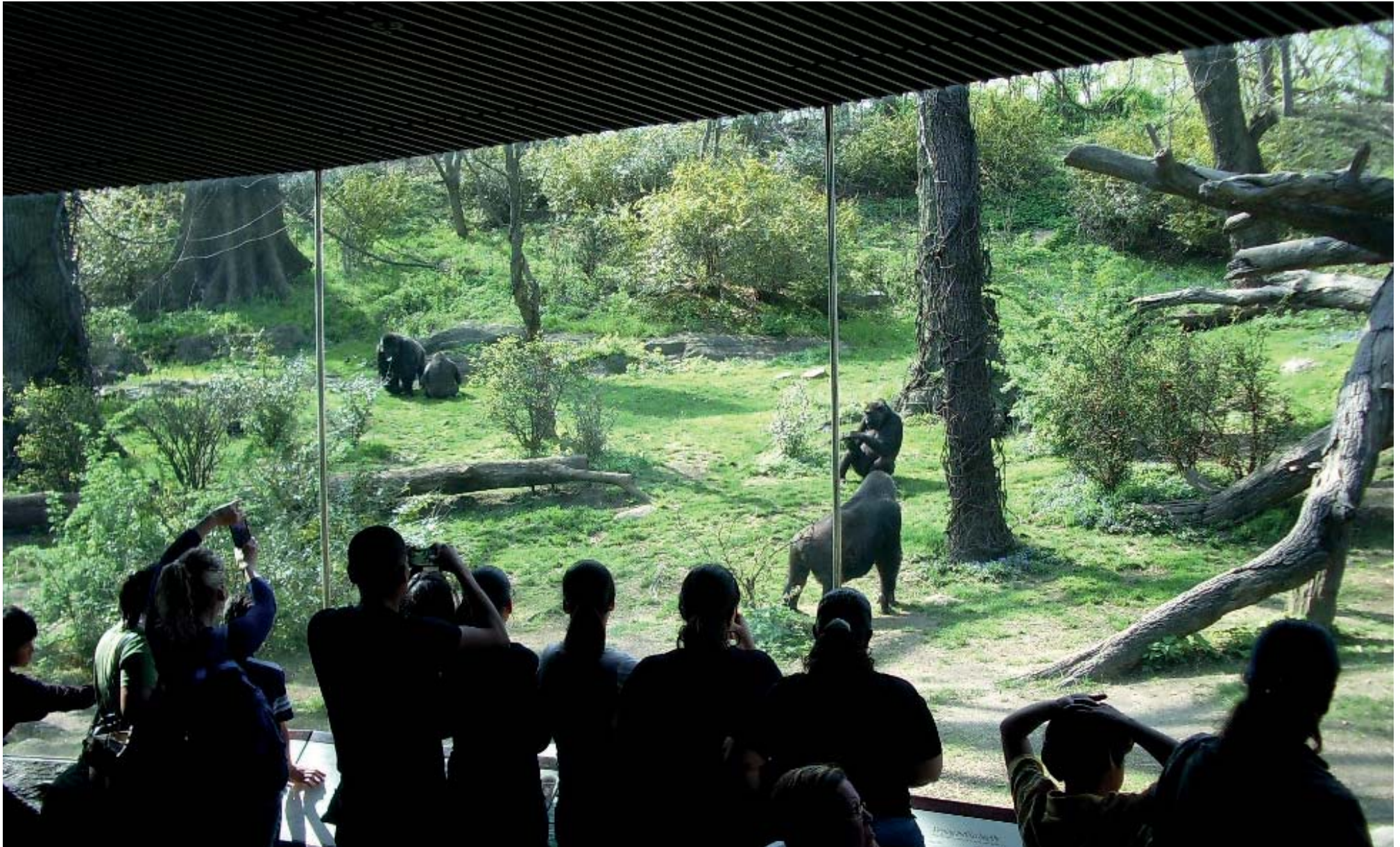
Seattle Woodland Park Zoo | Habitat Immersion





# EVOLUTION

New York Bronx Zoo | Immersion and Conservation





# EVOLUTION

Orlando Disney's Animal Kingdom | Immersion and Ride-Attraction





# EVOLUTION

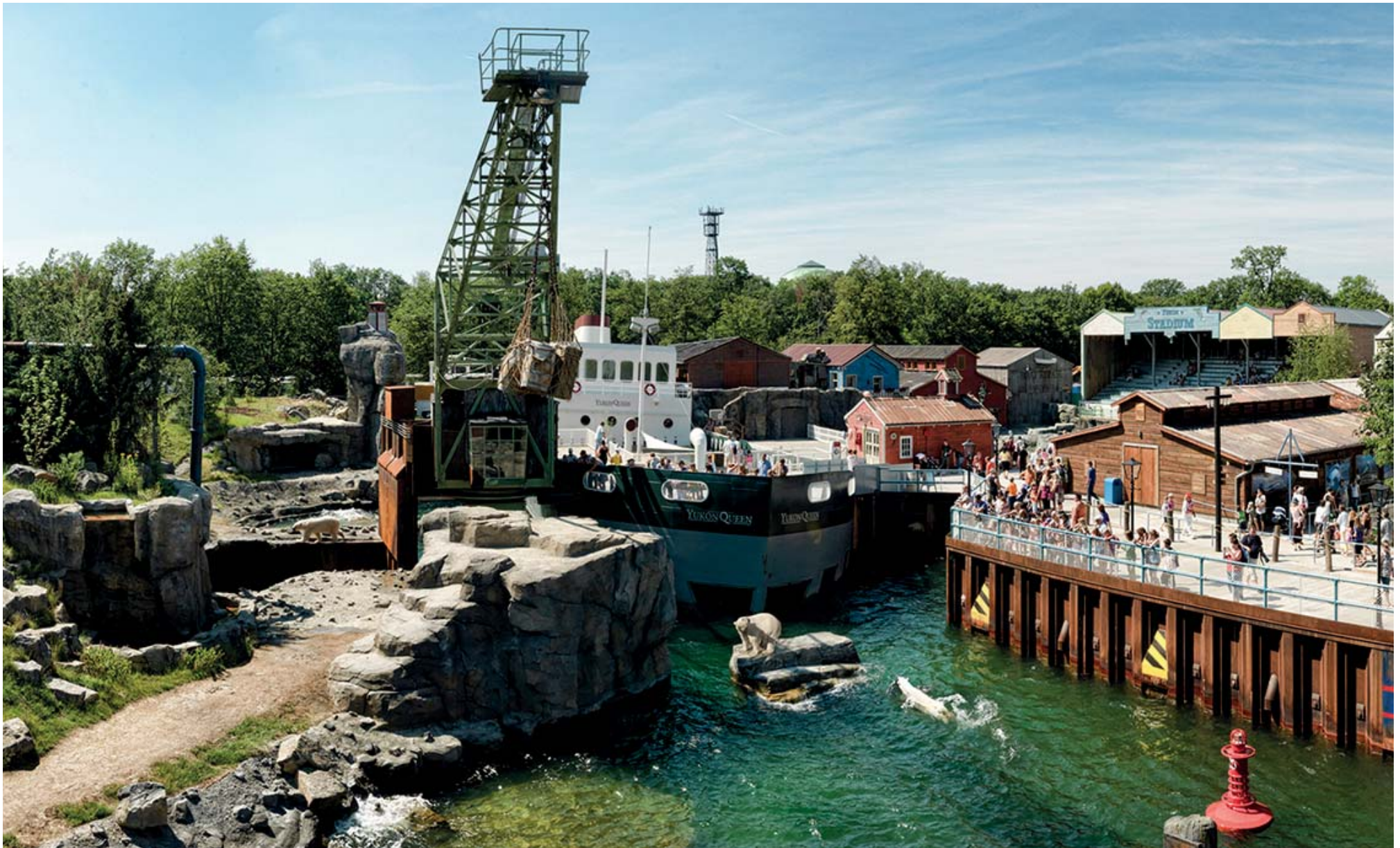
Hannover Zoo | Immersion and Ride-Attraction





# EVOLUTION

Hannover Zoo | Cultural Landscape Immersion





# EVOLUTION

Pairi Daiza | Cultural Landscape Immersion





# EVOLUTION

Hellabrunn Zoo | Contemporary Architecture





# EVOLUTION

Chester Zoo | Biodomes





# EVOLUTION

Ohio The Wilds | Size and Reproduction





# EVOLUTION

Bali Marine Park | Night Zoo







**SO THIS IS  
WHERE WE ARE...**



# A GOOD PLACE TO BE...





# ...IF WE DO IT RIGHT...





# 4 MAIN TASKS | EDUCATION





# 4 MAIN TASKS | CONSERVATION





# 4 MAIN TASKS | RESEARCH & SCIENCE





# 4 MAIN TASKS | LEISURE ACTIVITIES







# **WHAT (ELSE) IS RELEVANT FOR THE FUTURE?**





**FUTURE ZOO 'S WILL BE  
MORE SELECTIVE IN THEIR ANIMAL COLLECTION,  
CHOOSING SPECIES SUITED TO THE CLIMATIC  
CONDITIONS, STAFF EXPERTISE AND  
THE INDIVIDUAL ZOO 'S CONSERVATION MISSION.  
LARGER & FLEXIBLE EXHIBITS, EDUCATIONAL  
INTERACTION ETC..**





**DESPITE THIS EVOLUTIONARY PATH,  
EACH ZOO MUST SEEK ITS  
OWN UNIQUE IDENTITY...**





**ZOO DESIGN HAS LESS TO DO  
WITH DESIGN ITSELF,  
MOREOVER IT HAS A ROLE TO PLAY IN THE  
UNDERSTANDING AND  
CONSEQUENT IMPLEMENTATION  
OF THE STRATEGIC DEVELOPMENT.**



# STRATEGY | COOPERATION

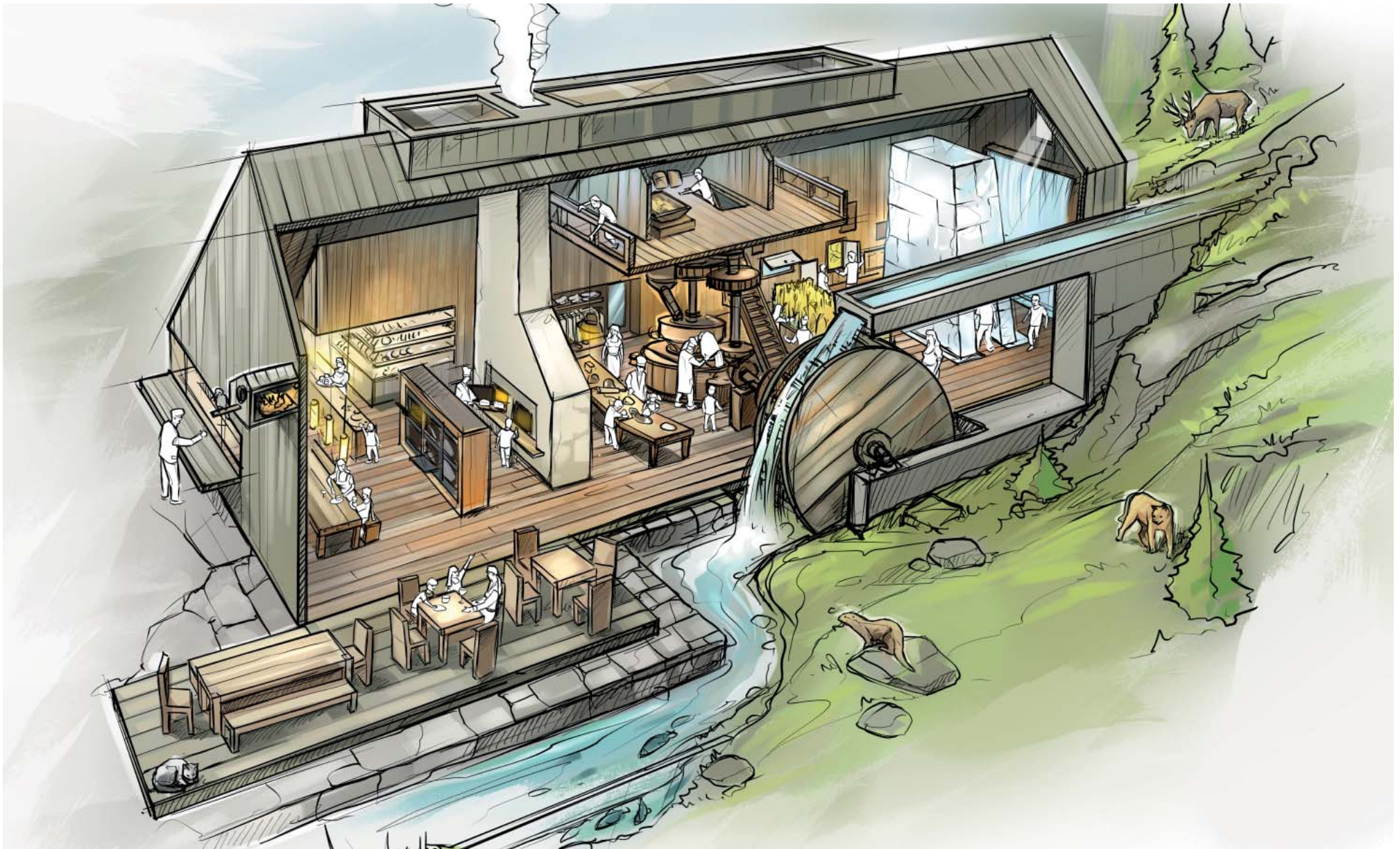


Leibniz-Institut für Zoo-  
und Wildtierforschung  
IM FORSCHUNGSVERBUND BERLIN E.V.





# STRATEGY | DIVERSIFICATION





# STRATEGY | DIVERSIFICATION





# STRATEGY | DIVERSIFICATION





# STRATEGY | DIVERSIFICATION





# STRATEGY | REINTERPRETATION





# STRATEGY | REINVENTION





# STRATEGY | REPOSITIONING





# STRATEGY | VIRTUAL ZOO







**HOWEVER THROUGH  
CULTURAL INFLUENCE  
THE RESULT CAN LOOK  
VERY DIFFERENT...**



# CULTURAL INFLUENCE | EUROPE

Tbilisi | Biosphere





# CULTURAL INFLUENCE | EUROPE

Givskud Zoo | Zootopia





# CULTURAL INFLUENCE | EUROPE

Paris Zoo de Vincennes





# CULTURAL INFLUENCE | ASIA

Quing Yuen | Chimelong Bird Forrest





# CULTURAL INFLUENCE | ASIA

Sega Orbi | Virtual Zoo





# CULTURAL INFLUENCE | ASIA

Mandai Project Singapore





# CULTURAL INFLUENCE | NORTH AMERICA





# CULTURAL INFLUENCE | SOUTH AMERICA







**ZOO'S WILL CONTINUE TO EVOLVE  
BUT WILL ALWAYS BE A CRITICAL ASPECT OF SOCIETY:  
PLACES WHERE PEOPLE MEET ANIMALS FACE TO FACE  
AND FALL IN LOVE WITH WILDLIFE.**





**EVOLUTION**  
**+**  
**4 MAIN TASKS**  
**+**  
**STRATEGY**  
**+**  
**CULTURE**





**THE REAL FUTURE OF A ZOO  
WILL HOWEVER ALSO RELY ON  
ADOPTING AND LIVING  
SOME STRONG VALUES.**



# VALUES | AUTHENTIC





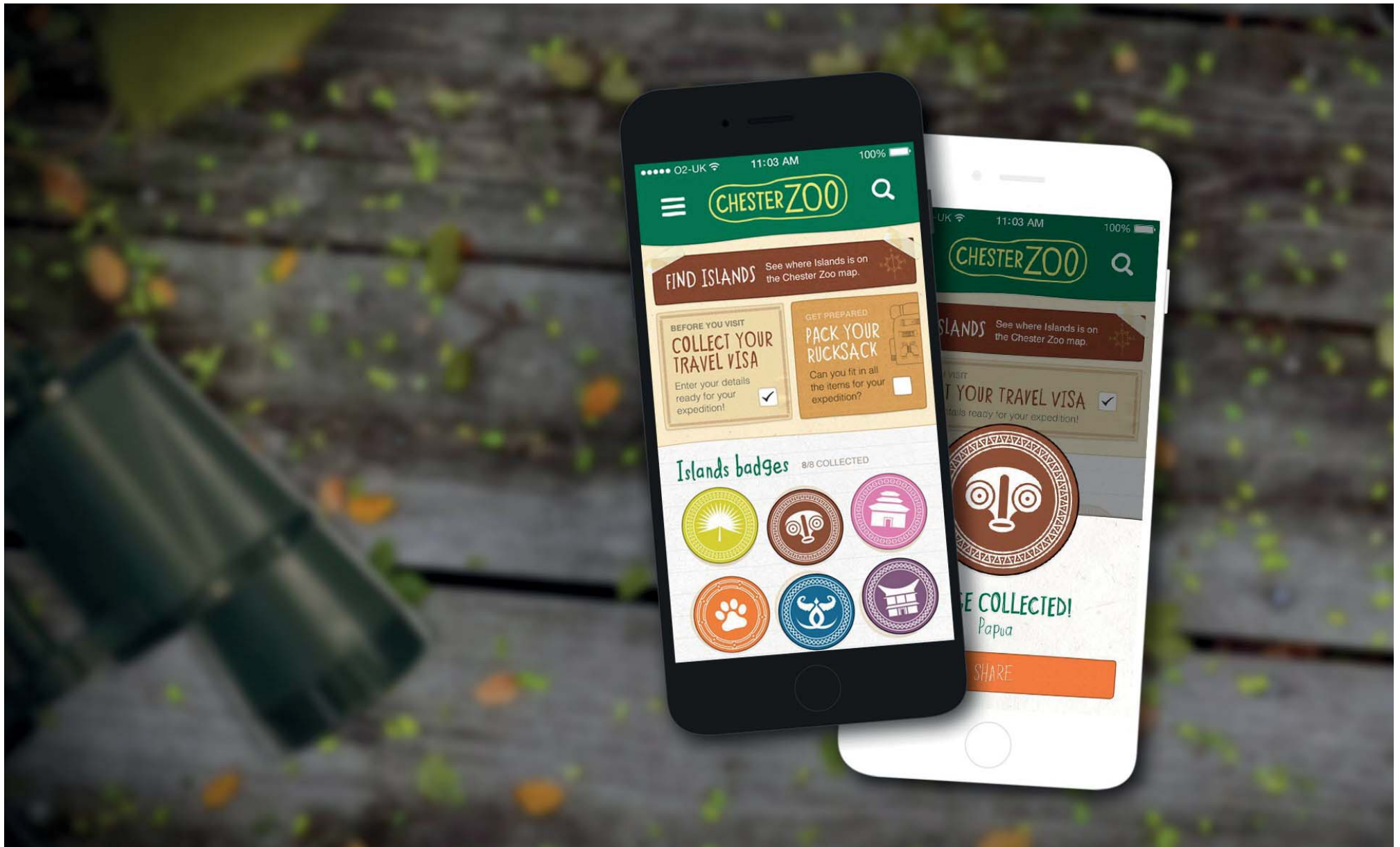




# VALUES | APPROACHABLE









# VALUES | COMMUNICATIVE









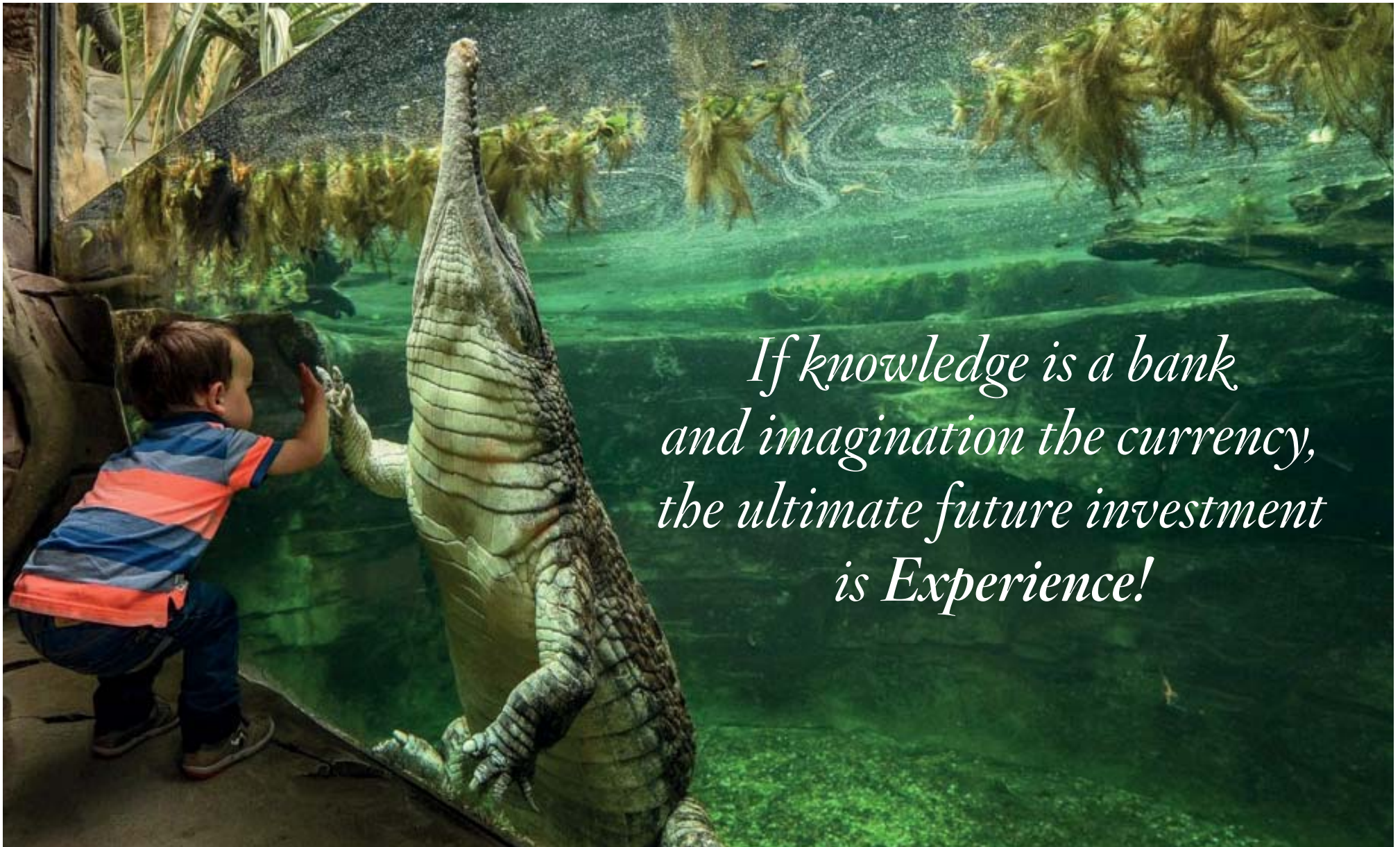
# VALUES | SUSTAINABLE











*If knowledge is a bank,  
and imagination the currency,  
the ultimate future investment  
is Experience!*



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