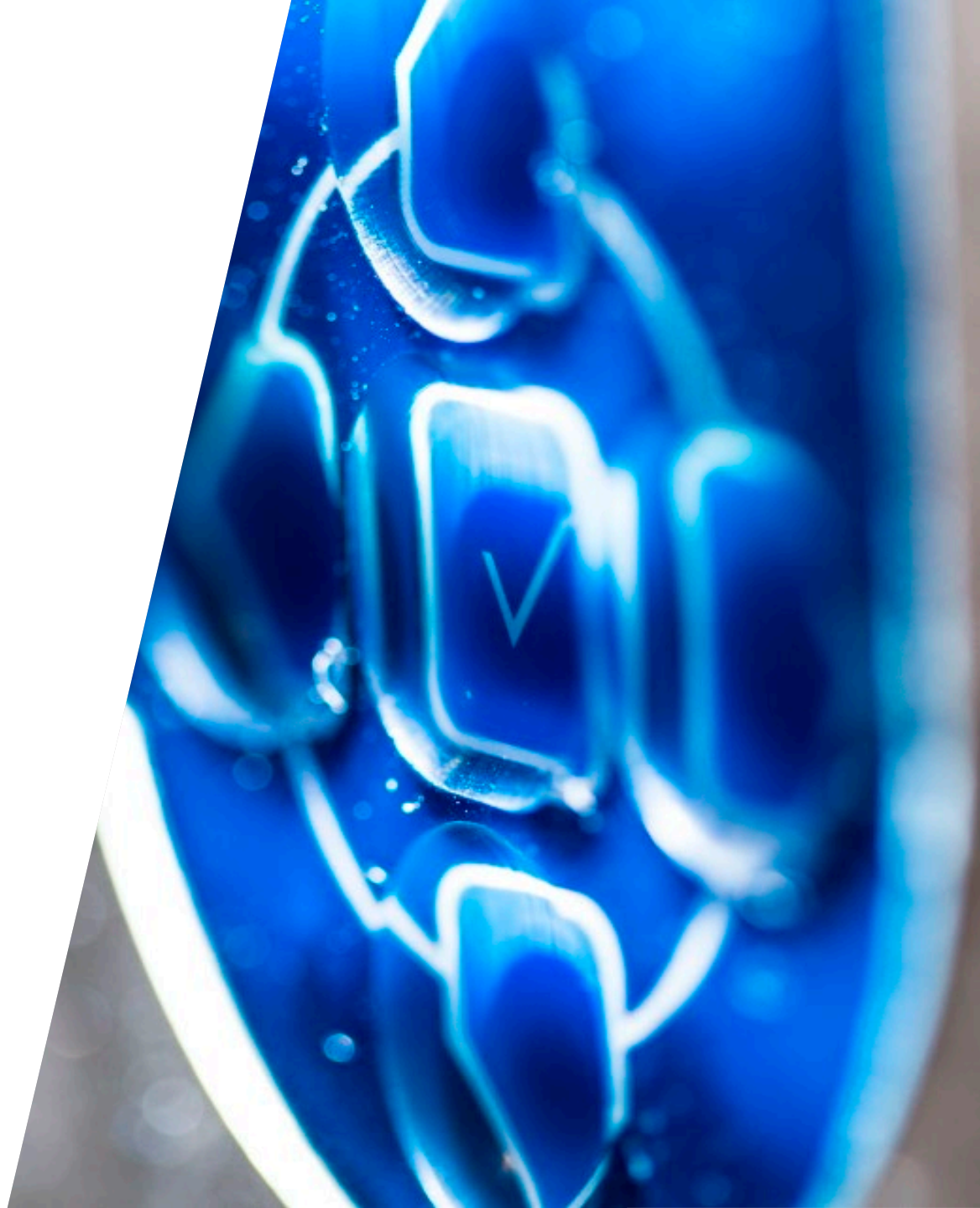


Skilvirk vörupróun í fiskiðnaði með hermun og sýndarveruleika

Haukur Hafsteinsson

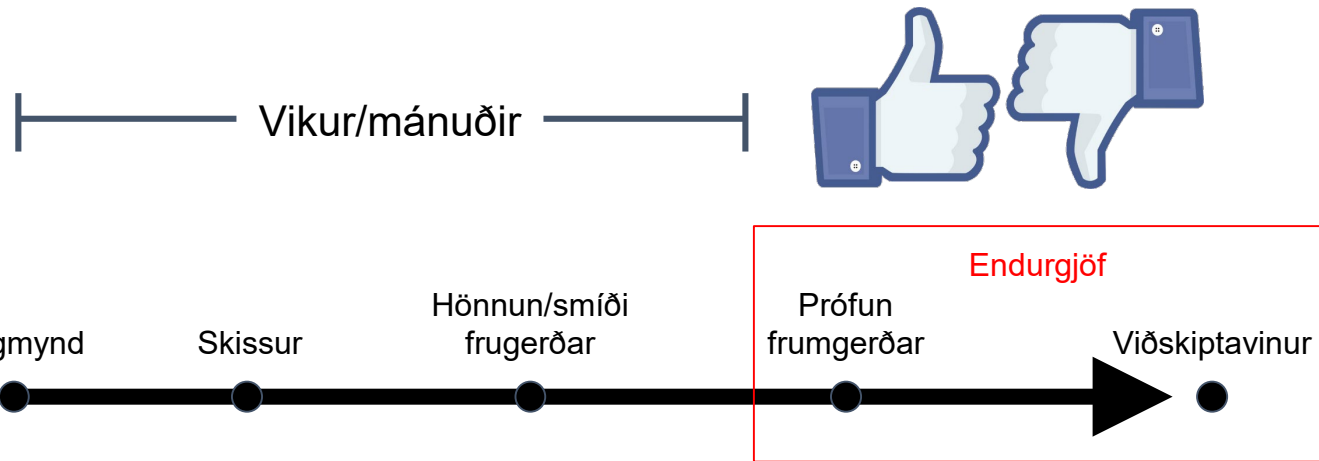
Sjávarútvegsráðstefnan 2018,
Hörpu, 15-16. nóvember.



Vöruþróunarferlið snýstu um að
gera hugmynd að nothæfri vöru
sem skapar virði fyrir viðskiptavininn.

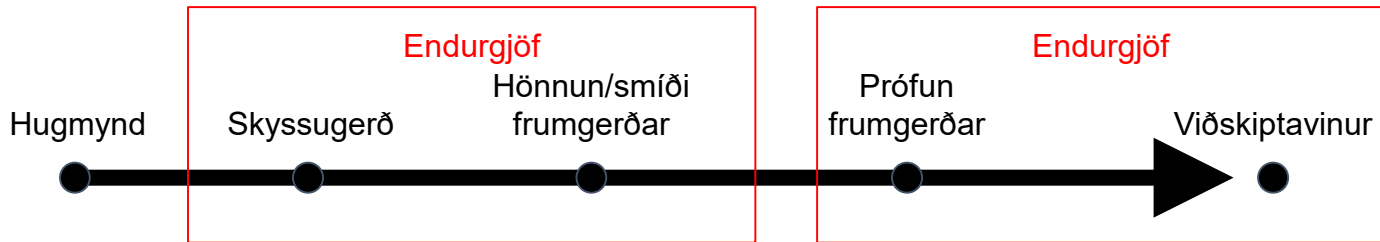


Vöruþróunarferlið



Rauntíma-hermun og XR

Prófaðu hugmyndina í hermun og sýndarveruleika og fáðu endurgjöf strax.



Game Engines

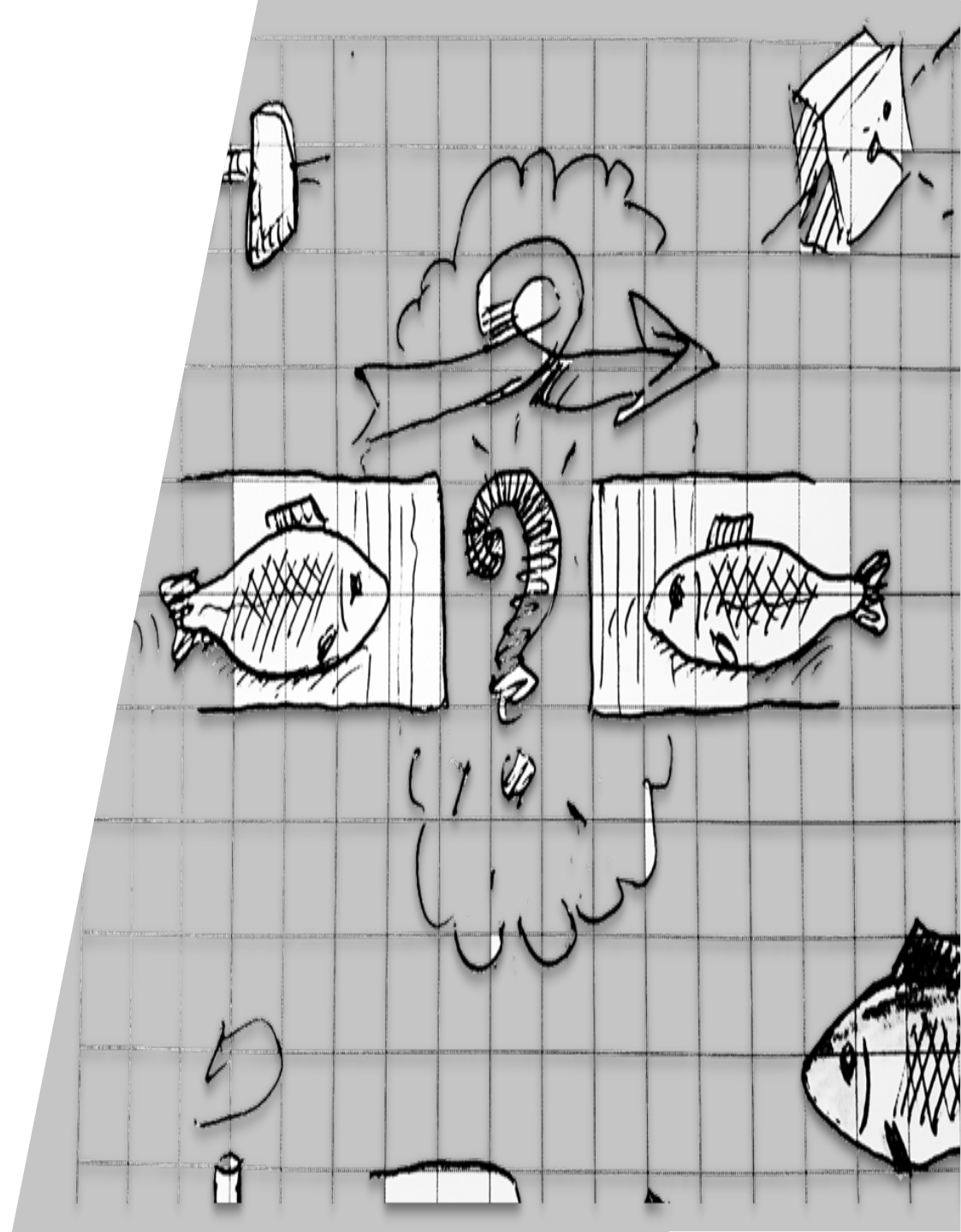
Herma raunveruleikann.



Að snúa við fiski

Einföld tilraun...

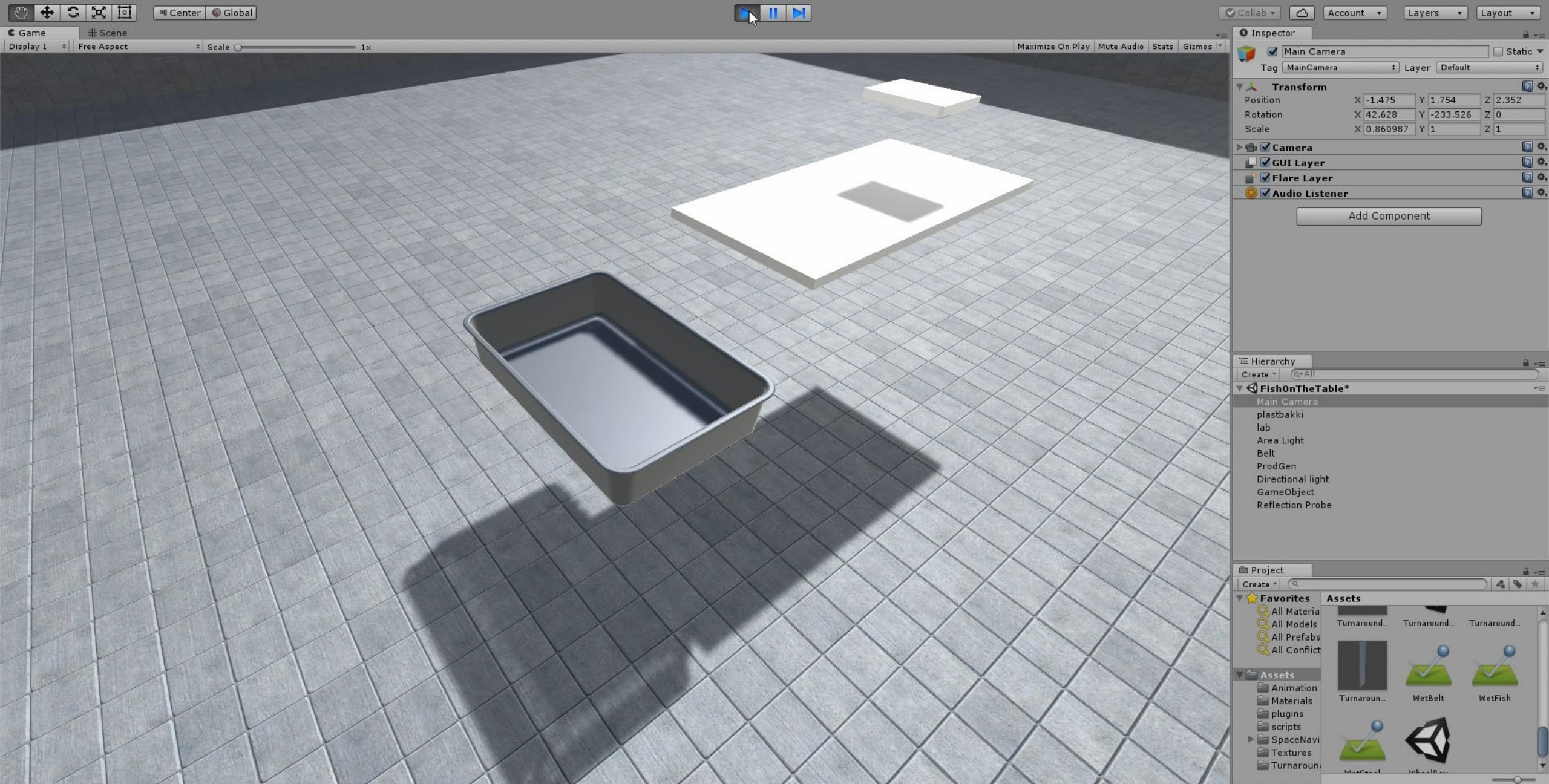
Teymið:
Vélahönnuður
Hugbúnaðarhönnuður

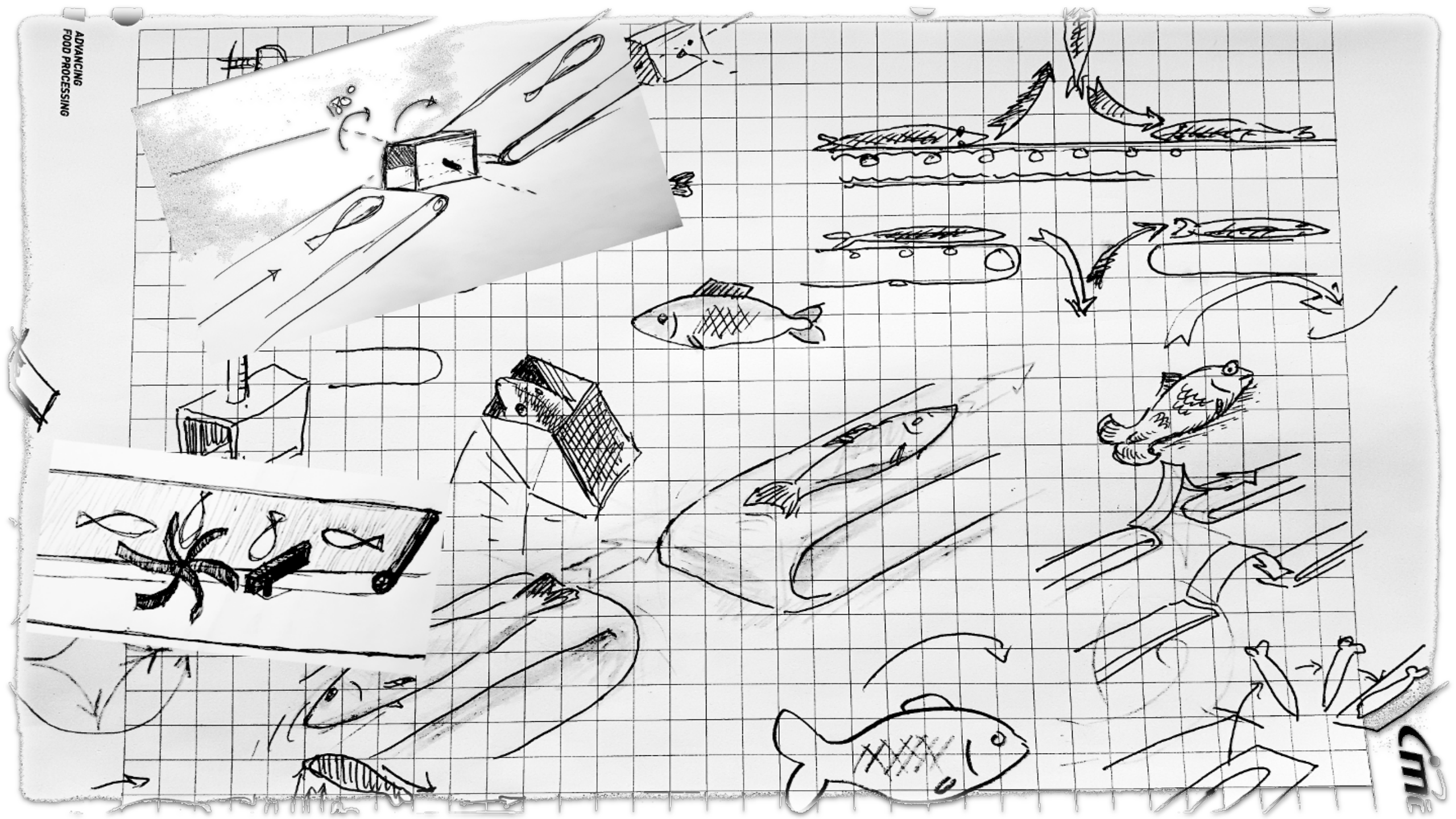


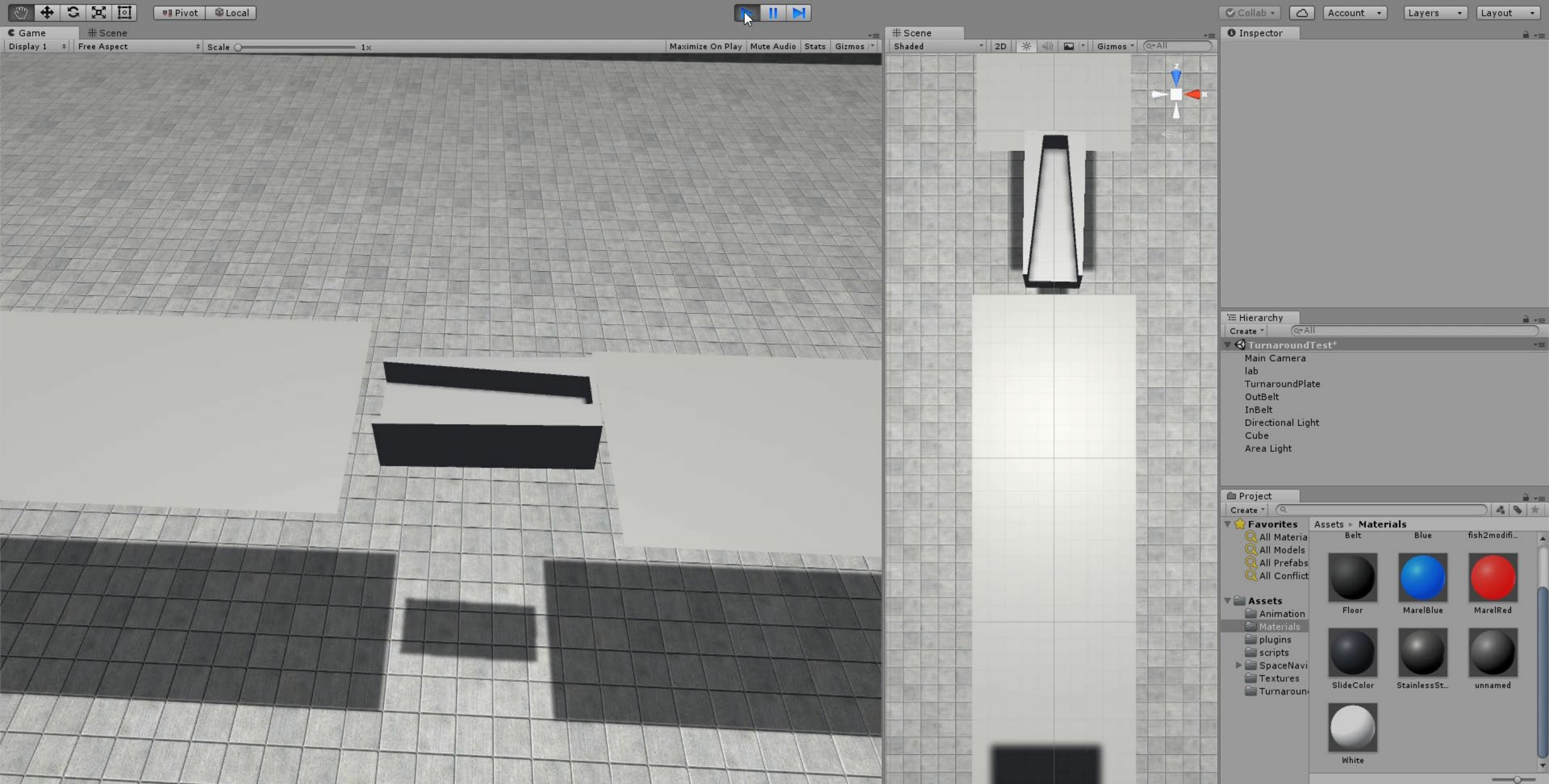
Afurð

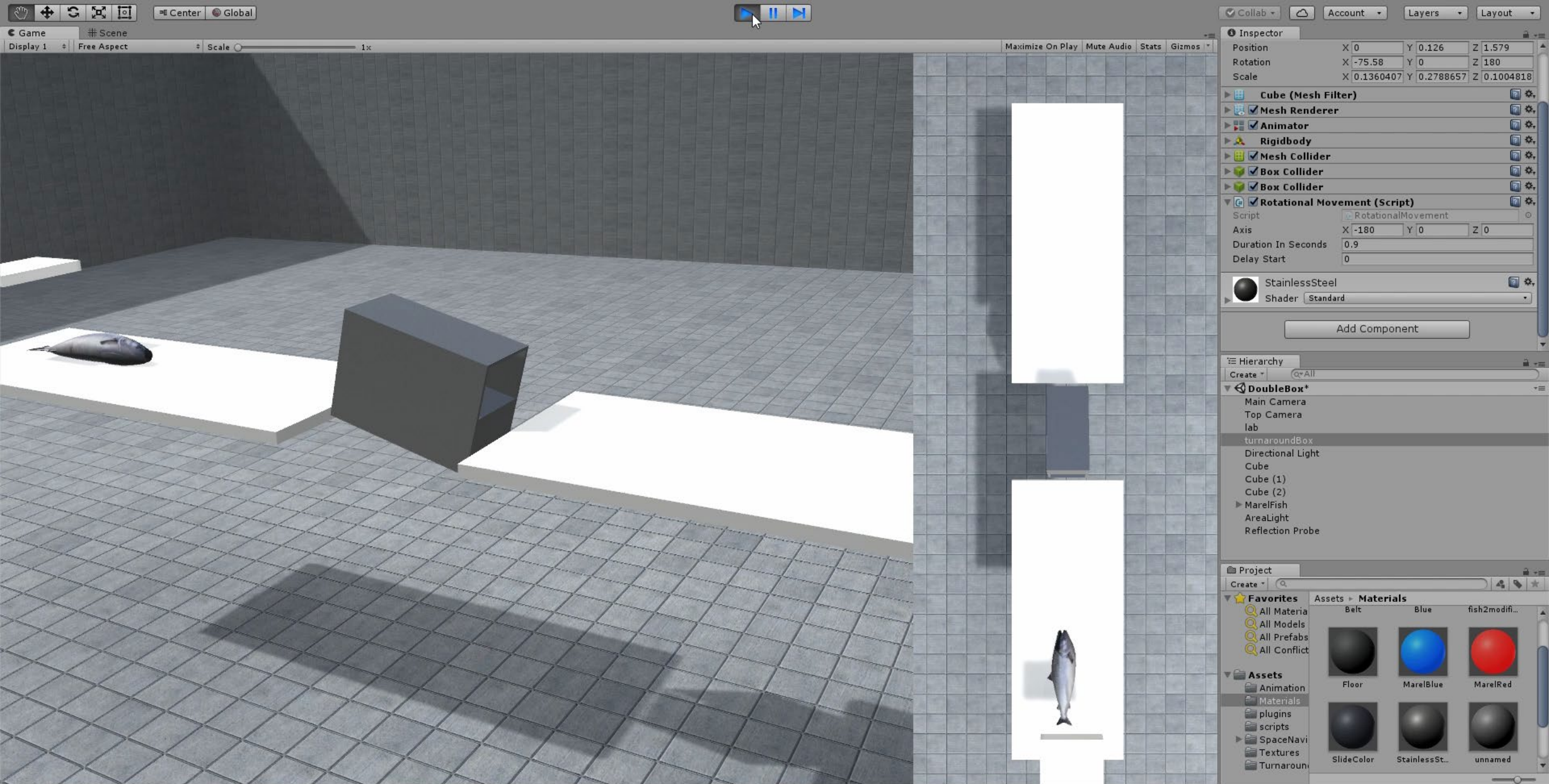
Afurðin (fiskurinn) verður að vera vel hannaður og með góða hermun til að fá raunverulega útkomu.



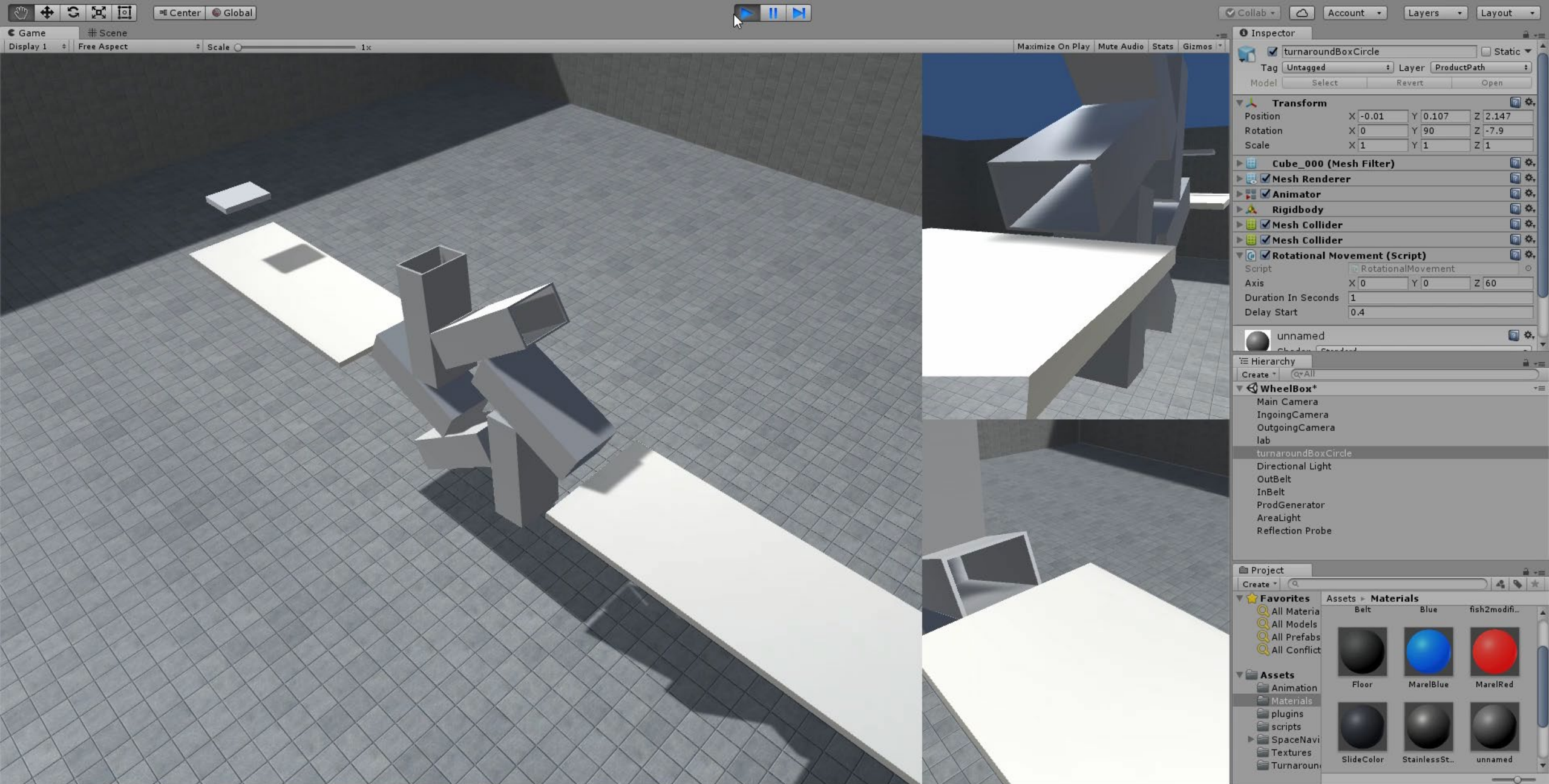




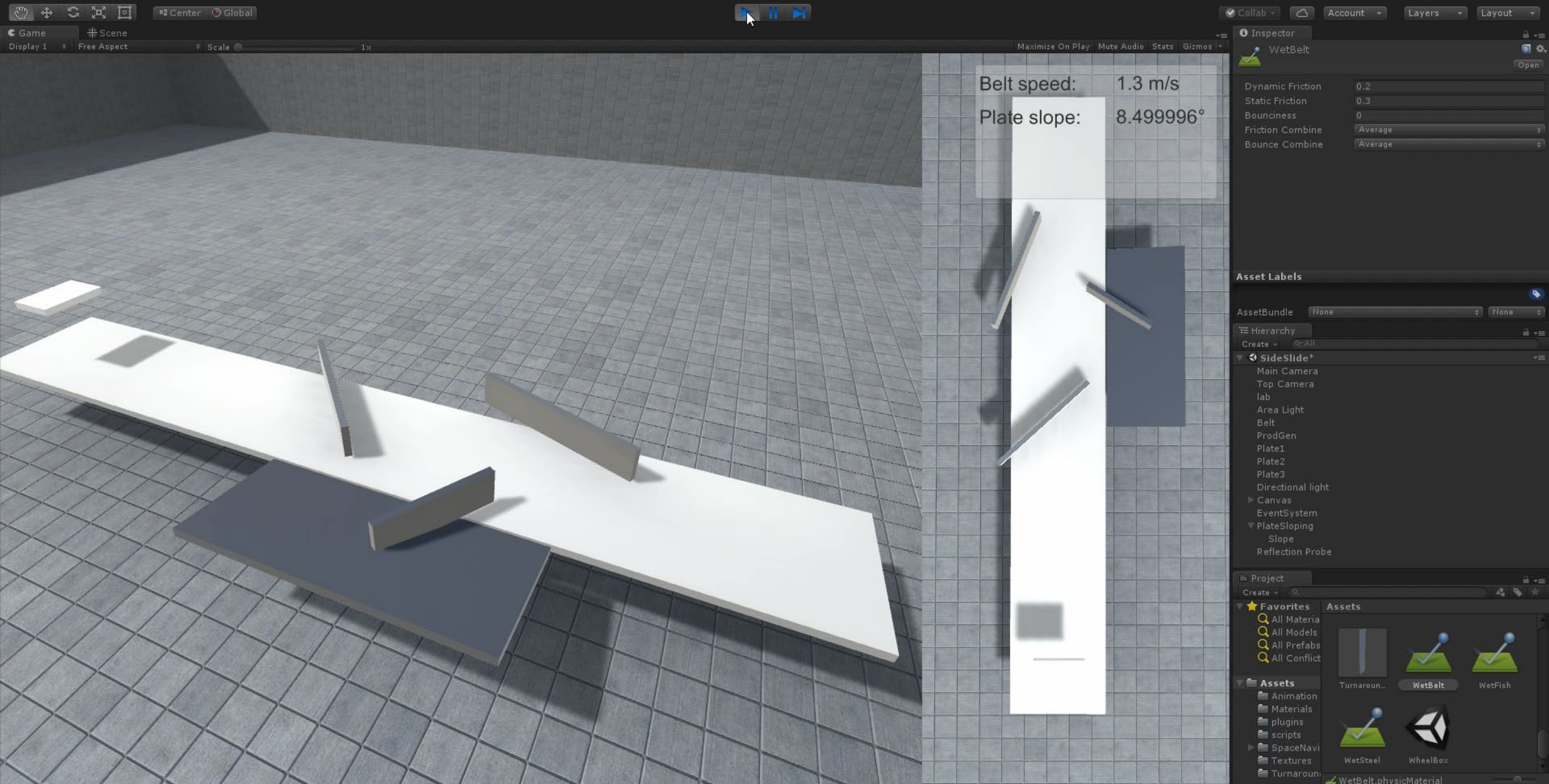




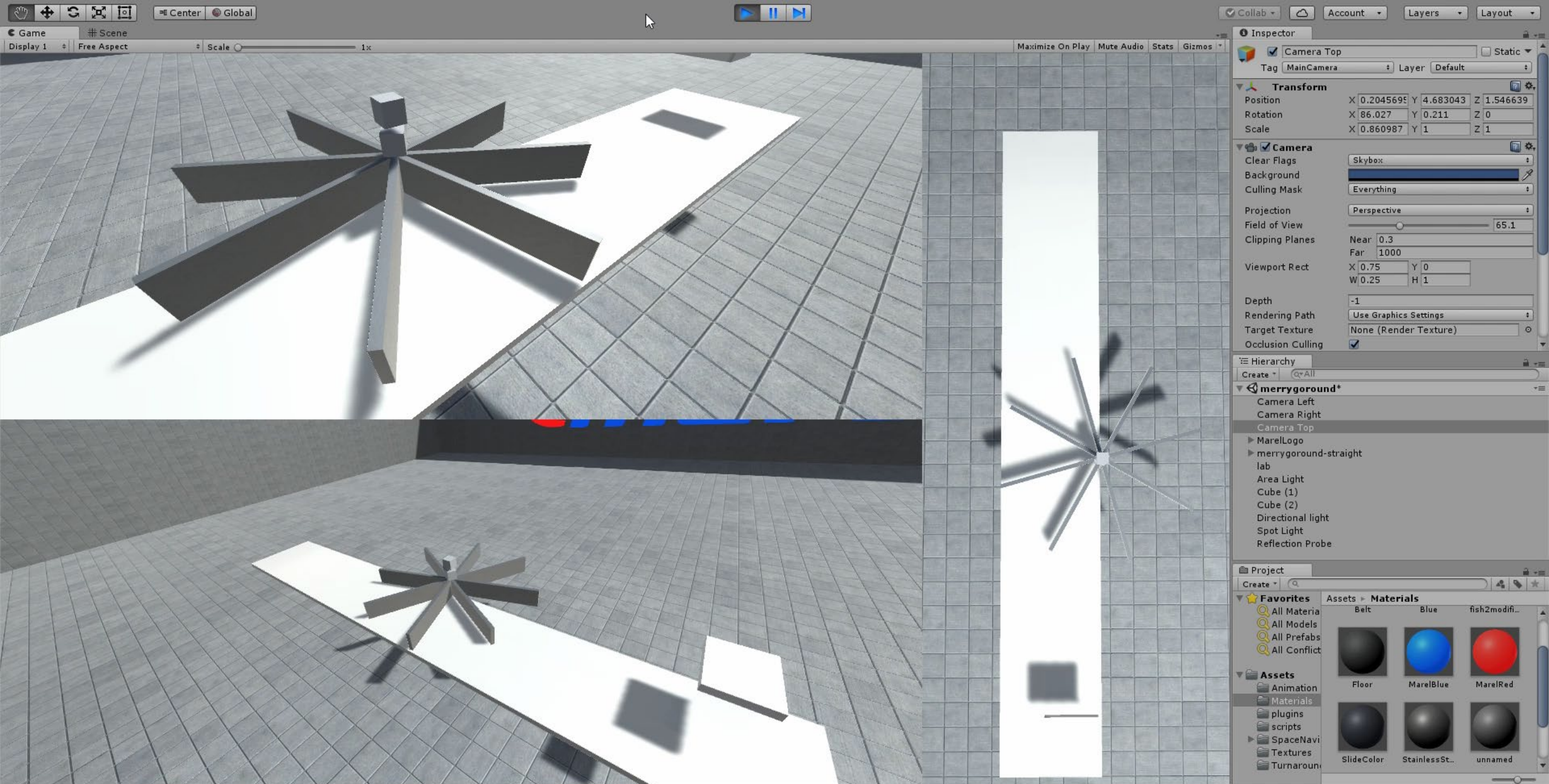
There are 2 audio listeners in the scene. Please ensure there is always exactly one audio listener in the scene.



There are 3 audio listeners in the scene. Please ensure there is always exactly one audio listener in the scene.

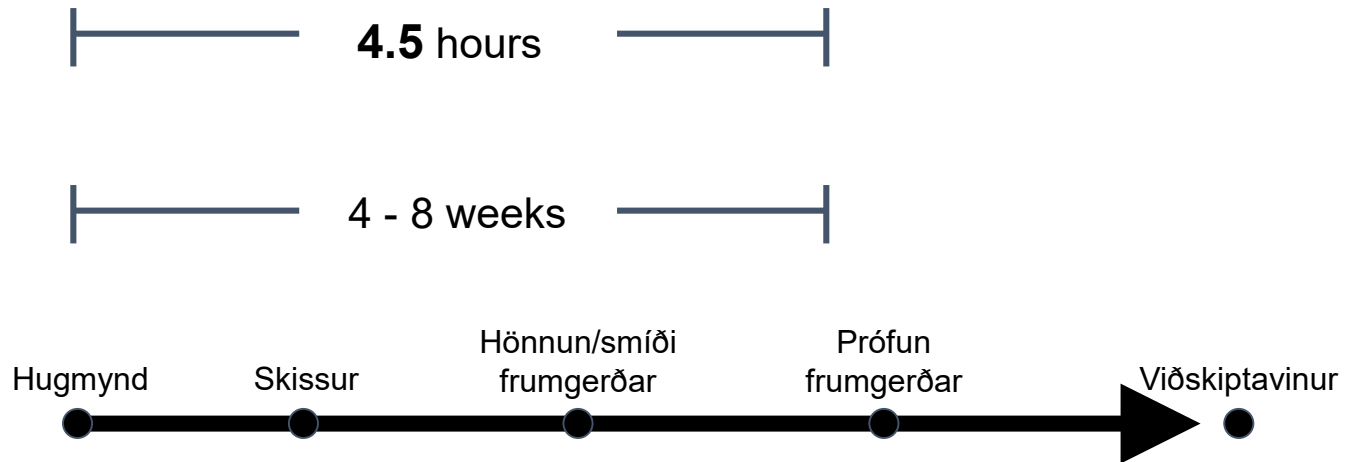


There are 2 audio listeners in the scene. Please ensure there is always exactly one audio listener in the scene.

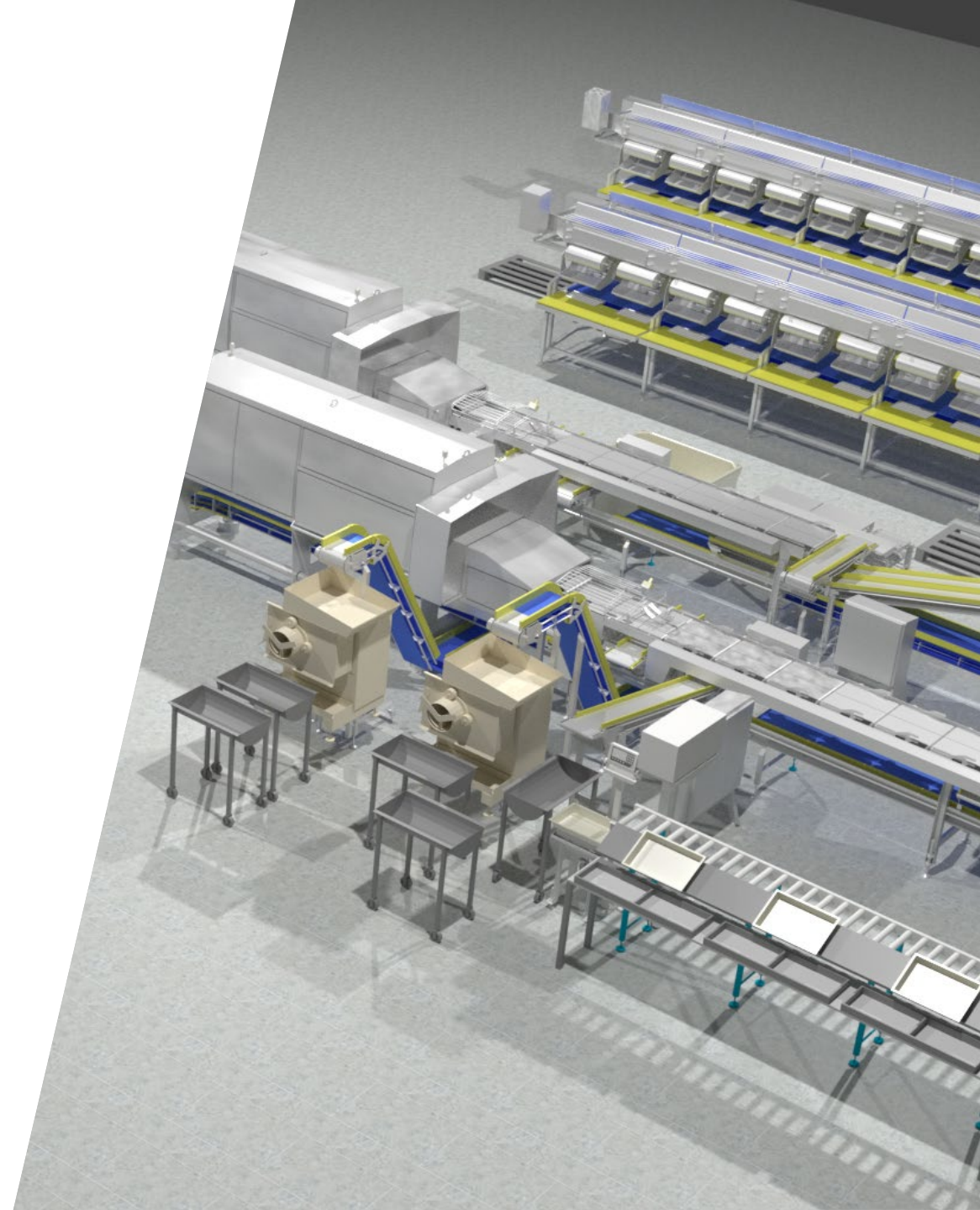
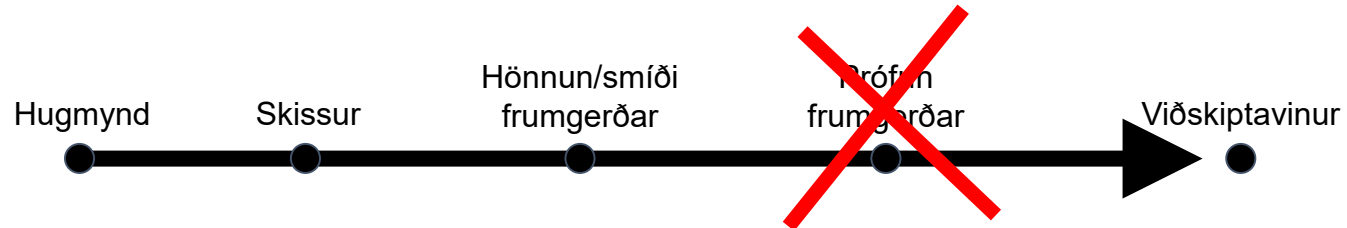


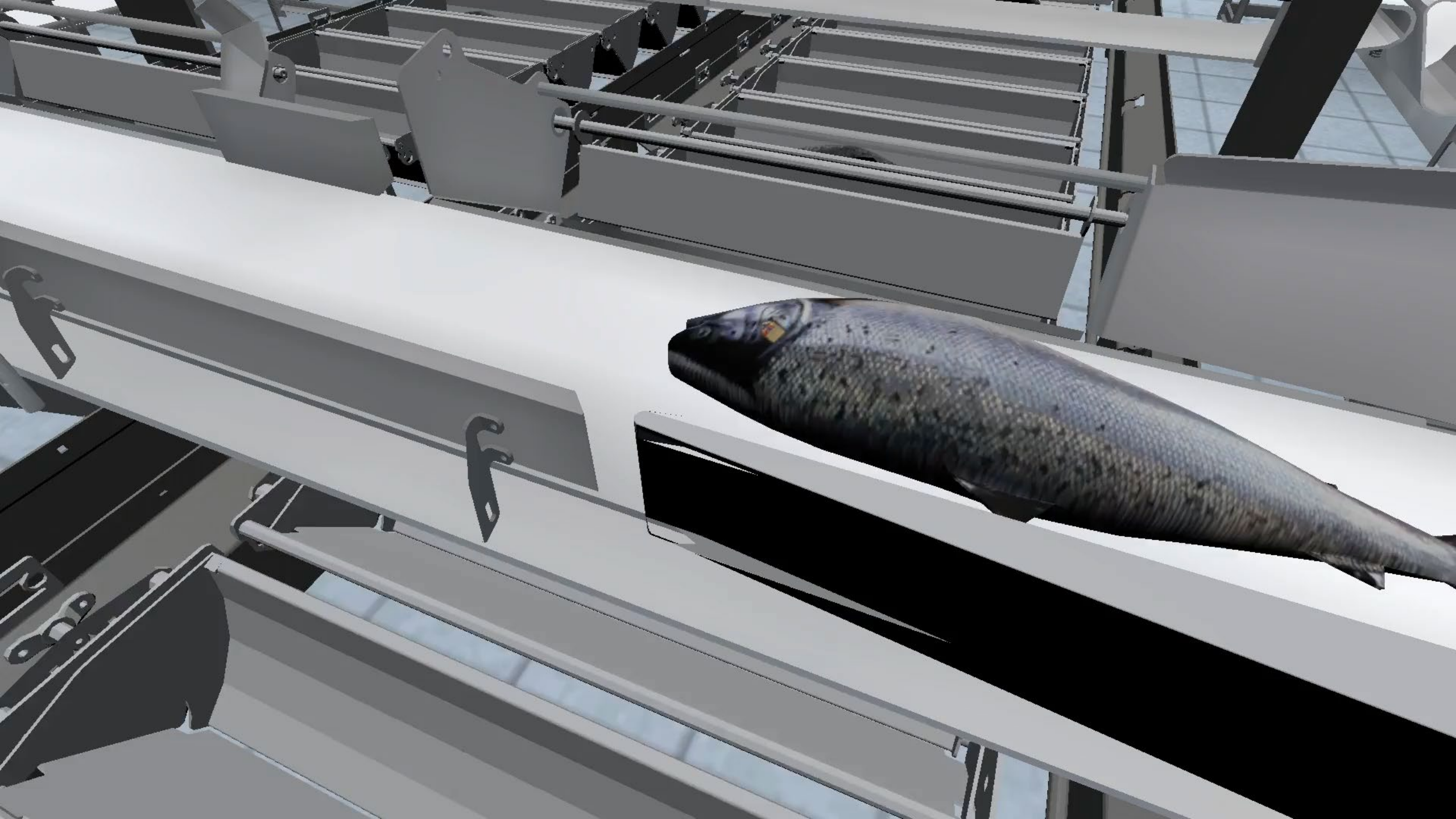
There are 3 audio listeners in the scene. Please ensure there is always exactly one audio listener in the scene.

Tíma eytt í smíði frumgerðar og prófanir



Nánast sama ferli fyrir stór kerfi





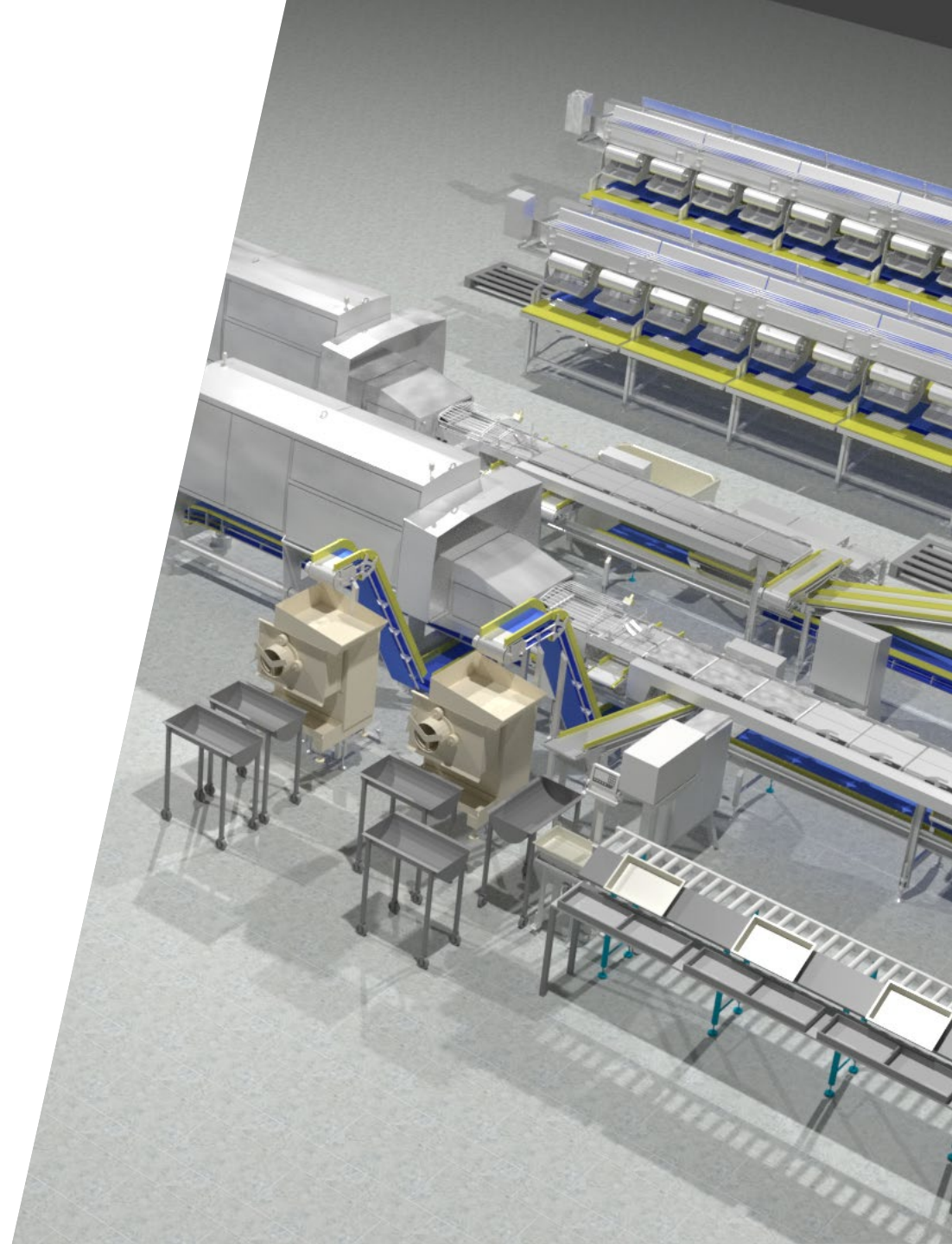
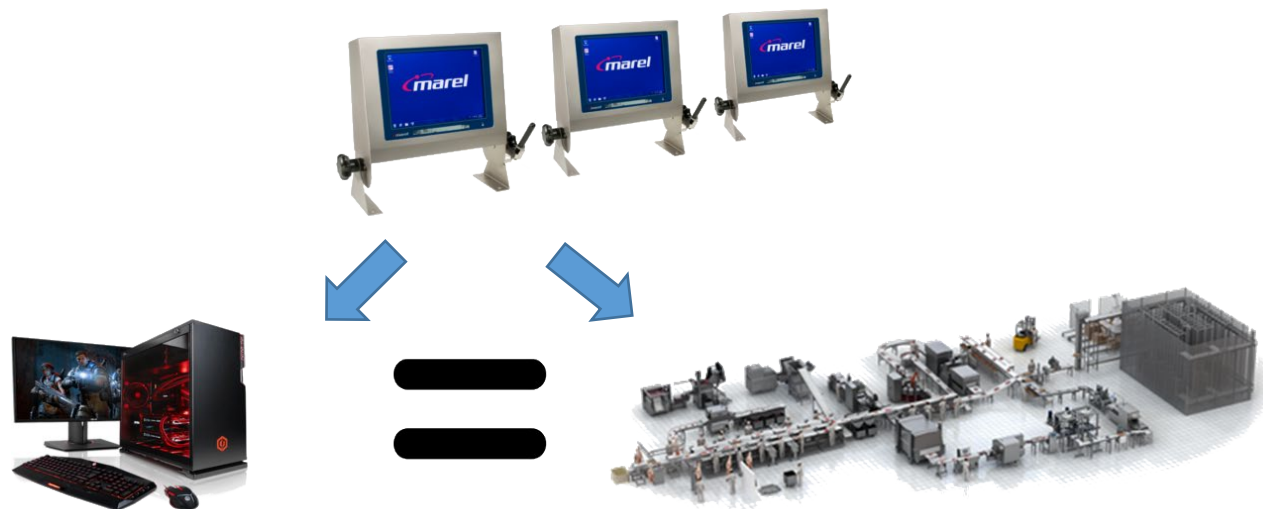


Gutting 1

Gutting 2

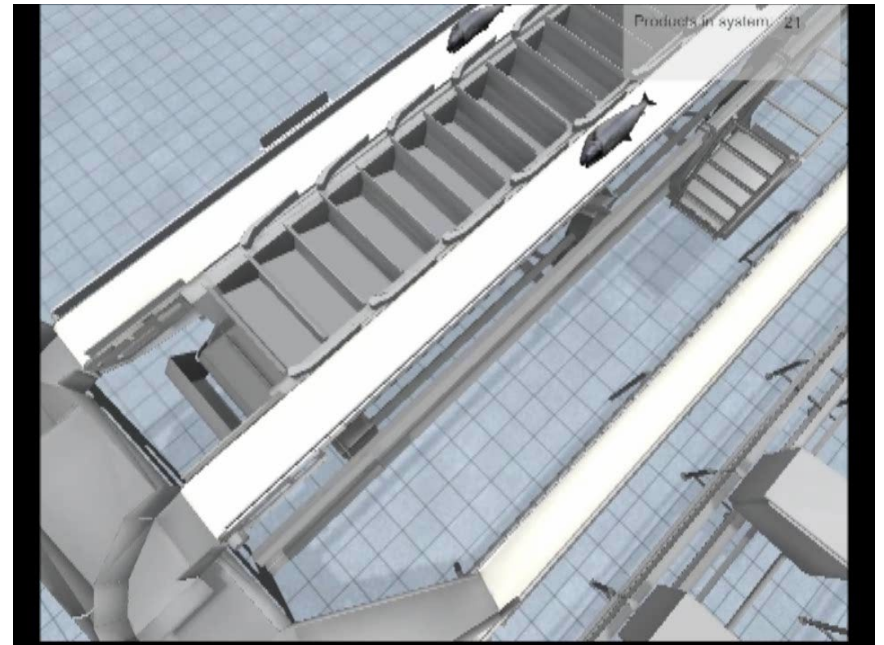
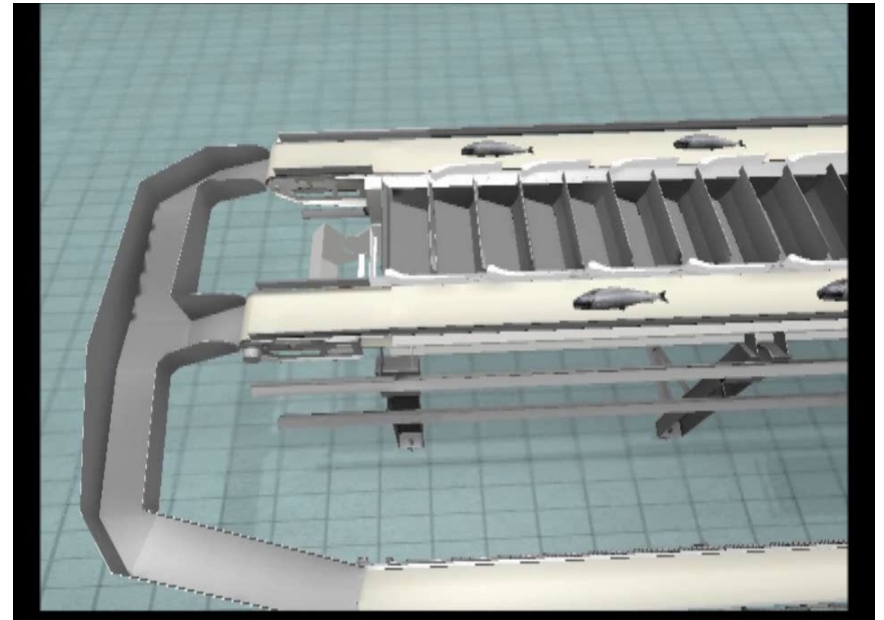
Gutting 3

Herma alla þætti kerfisins



Niðurstöður

- 100% stjórn á prófunum sem auðvelt er að endurtaka
 - Ótal hugbúnaðarvillur leystar
- Vélbúnaðarprófanir
- Prófanir á flæði
- VR – sýndarveruleiki
 - Hjálpaði vélahönnuðum að fá raunverulega endurgjöf á hönnun og að auka öryggi vélbúnaðar.
 - Auðveldaði samsetningu.



Ýmsir kostir hermunar

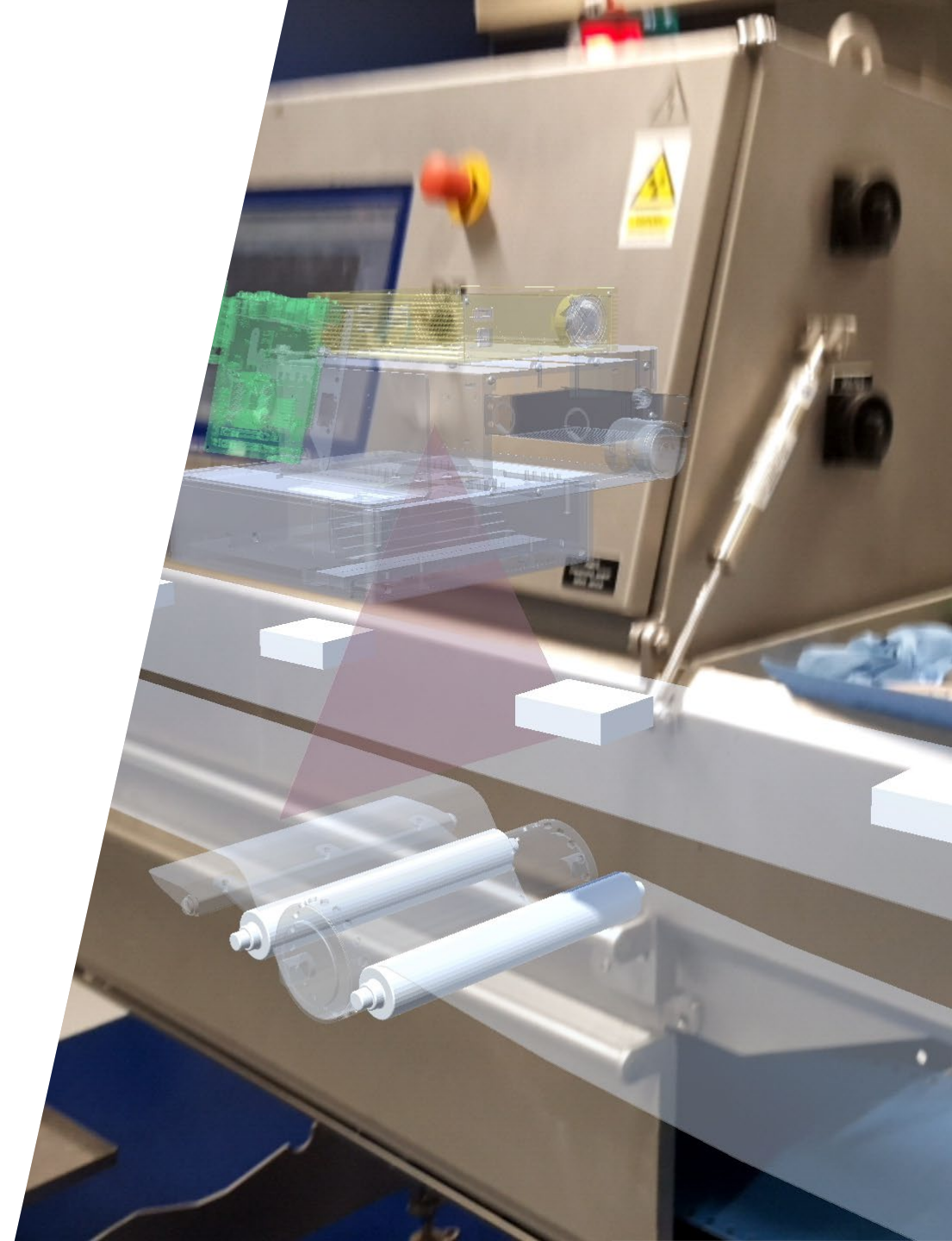
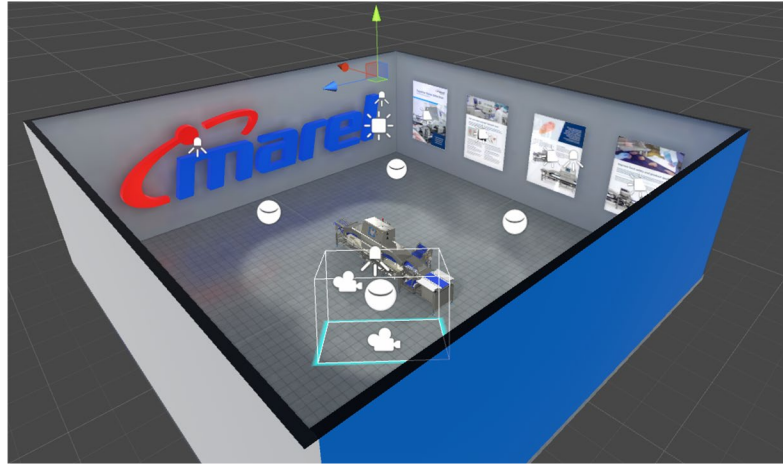
- Viðskiptavinurinn getur hafið þjálfun á kerfinu löngu áður en afhending á sér stað
- Hermunin notuð til að þjálfra Marel þjónustufólk
- Hermun fyrir sölu og markaðsdeild, fullkomin “rendering” sem auðveldar gerð markaðsefnis
- Sparar tíma og kostnað



Augmented Reality (AR)

Sala, vörupróun, framleiðsla, uppsetning, þjónusta







Takk fyrir

