



UPPBYGGING Á KEFLAVÍKURFLUGVELLI

Steinsteypudagurinn 2019



ISAVIA

DAGSKRÁ

- / Farþegaspá
- / Þróunaráætlun / Uppbyggingaráætlun
- / Framkvæmdir síðustu ára
- / Fyrir hugaðar framkvæmdir

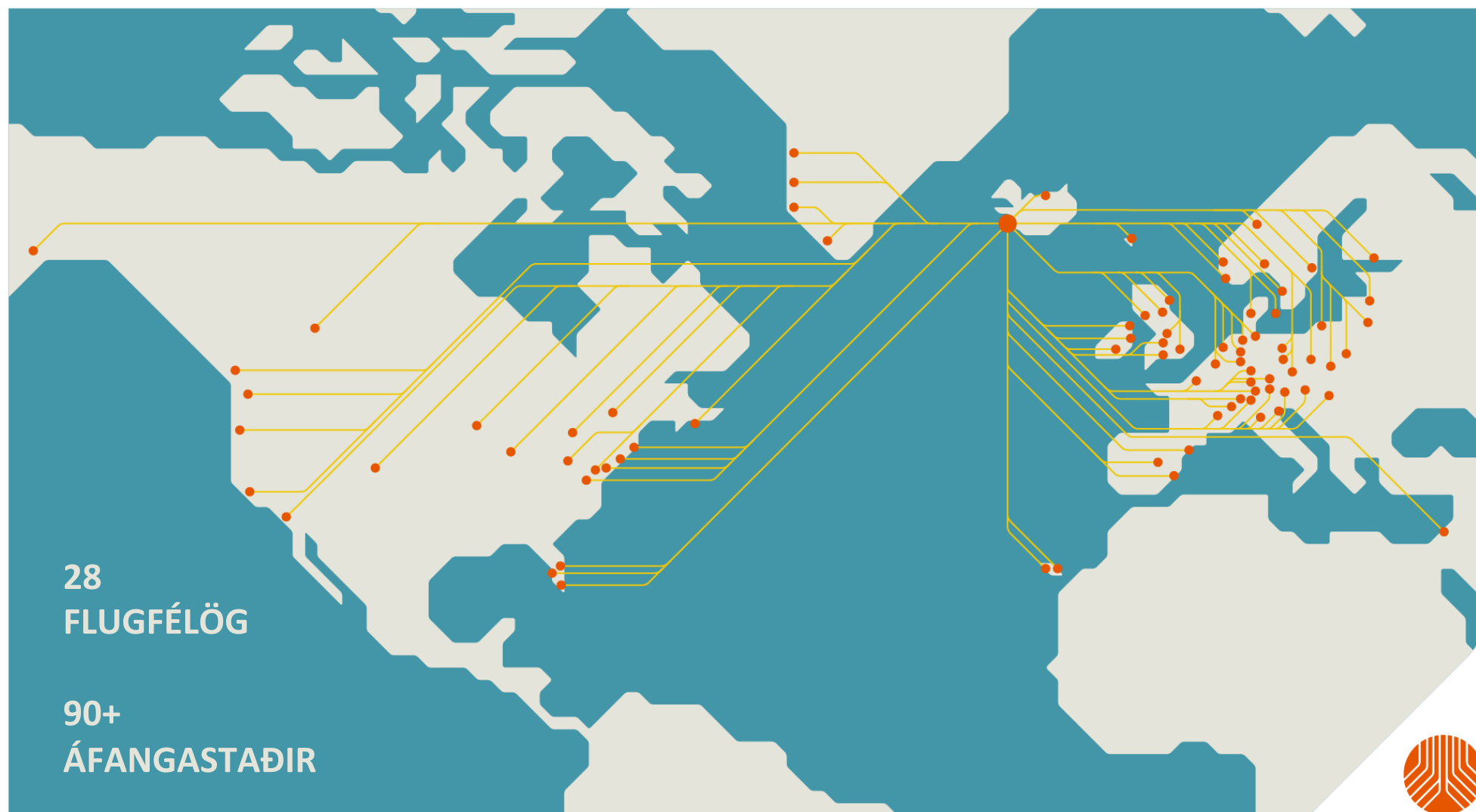


A man and a woman are standing outdoors in a scenic landscape, looking at a map. The man is wearing a green jacket and the woman is wearing a yellow jacket. They are both wearing backpacks. The background shows a body of water, mountains, and a clear sky. The text "FARÞEGASPÁ 2019" is overlaid on the image.

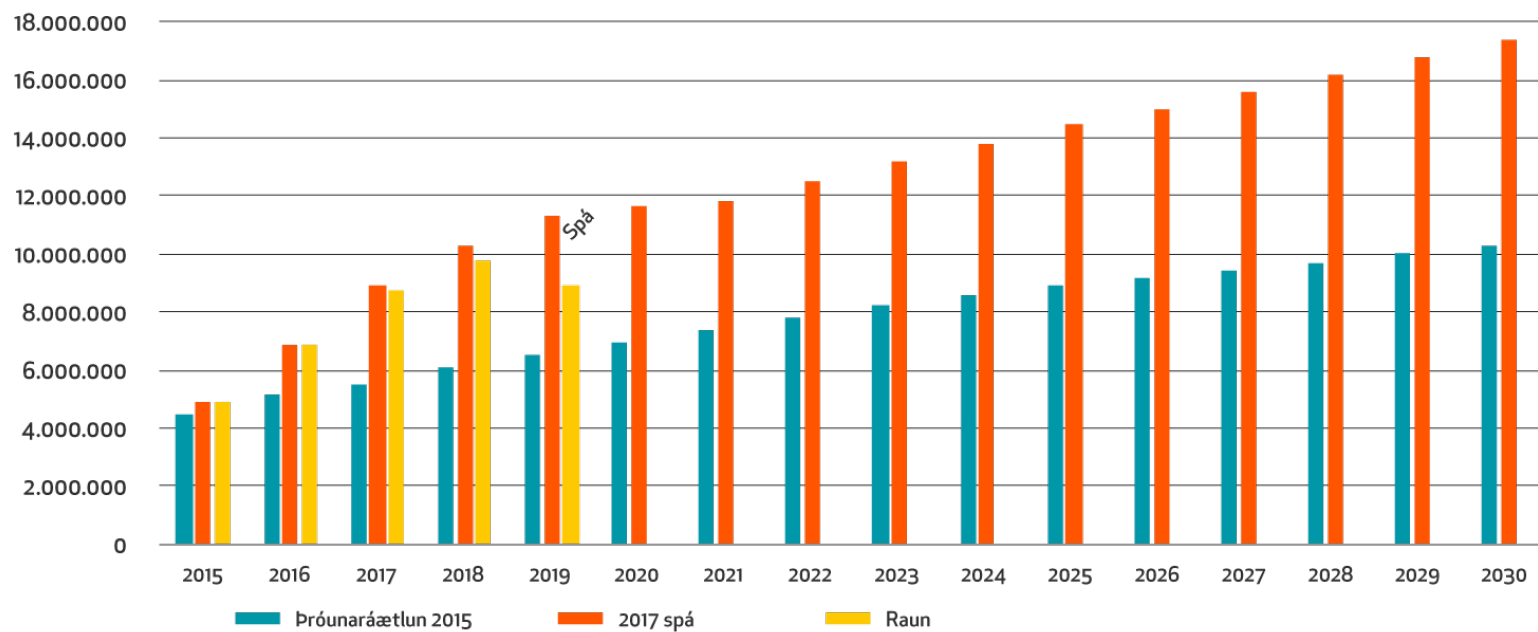
FARÞEGASPÁ 2019



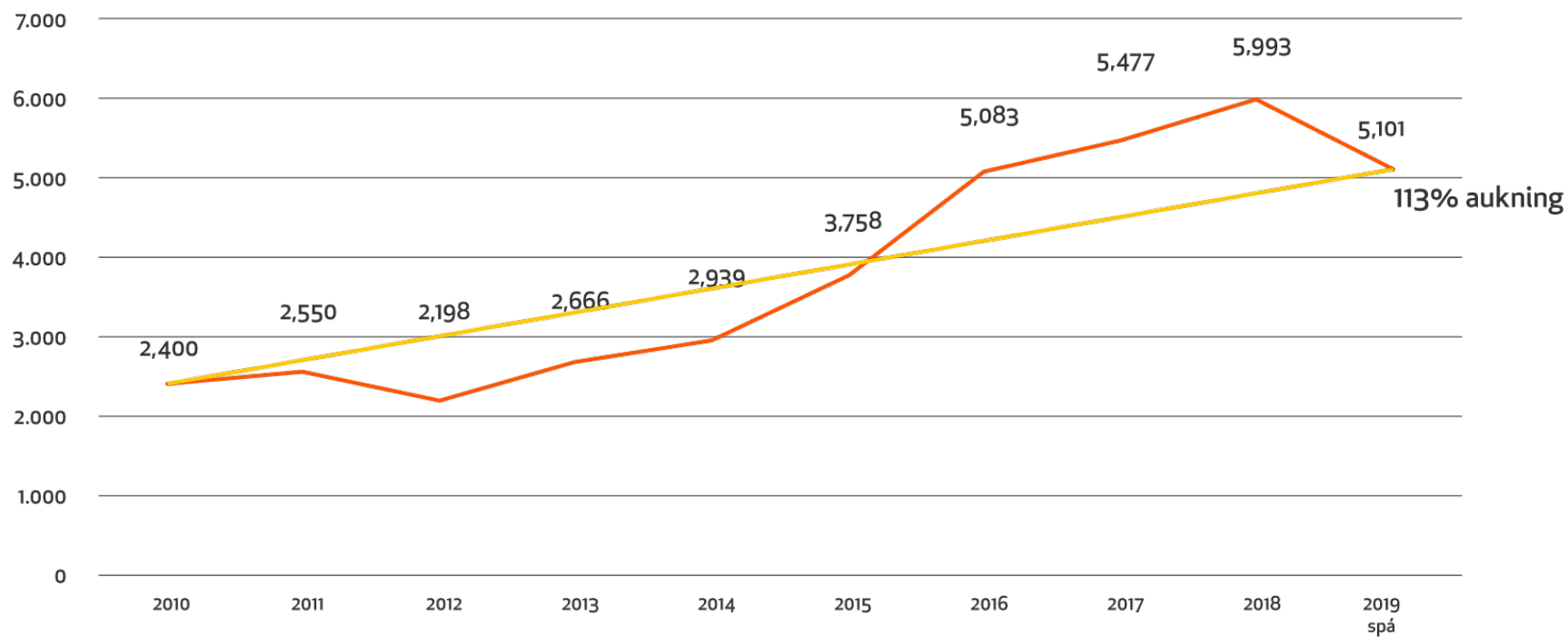
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FARÞEGASPÁ



FJÖLDI FARÞEGA Á KLUKKUSTUND



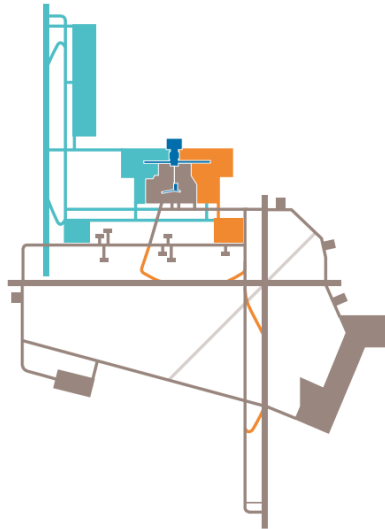
A man and a woman are standing outdoors in a scenic landscape, looking at a map. The man is wearing a green jacket and the woman is wearing a yellow jacket. They are both wearing backpacks. The background shows a body of water, mountains, and a clear sky. The text "ÞRÓUNARÁÆTLUN/
UPPBYGGINGARÁÆTLUN" is overlaid on the image.

ÞRÓUNARÁÆTLUN/
UPPBYGGINGARÁÆTLUN



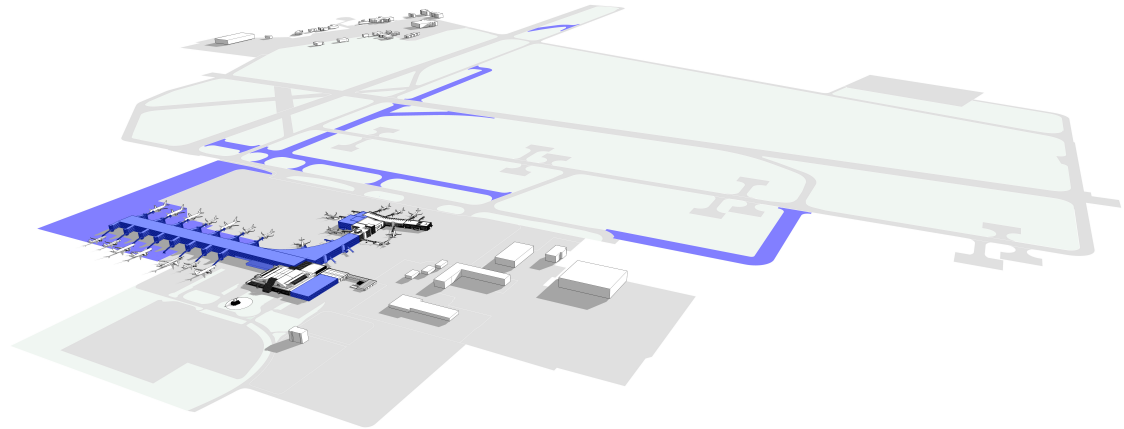
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ÞRÓUNARÁÆTLUN OG UPPBYGGINGARÁÆTLUN



Þróunaráætlun (Masterplan) 2015

- Leiðarljós horft til 25 ára.
- Landnotkunaráætlun
- Heildaruppbygging flugvallar
- Staðsetja sem best allar þjónustur
- Varpað inn í aðalskipulag



Uppbyggingaráætlun (major development Plan) 2018

- Horft til 7-10 ára.
- Forathugun verkefna og kostnaðarmat
- Forsendur
 - Farþegafjöldi/ álag á tímæiningu
 - Fjöldi flugvéla /samsetning flota



A man and a woman are standing in a scenic landscape, looking at a map. The man is wearing a green jacket and the woman is wearing a yellow jacket. They are both wearing backpacks. The background shows a body of water, mountains, and a clear sky. The text "SAMNINGAR" is overlaid on the image.

SAMNINGAR



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SAMNINGAR

/ Rammasamningur um hönnun og ráðgjöf 2018

- Hönnun, ráðgjöf, hönnunarstjórn
- Hæfi 70% verð 30%
- 43 flokkar
- 12 ráðgjafar

/ Rammasamningur Airfield í útboði

- Hönnun og ráðgjöf á flugvelli
- Hæfi 70% verð 30%

/ PMT aðstoð og ráðgjöf fyrir framkvæmdir.

- Forval hefst í öðrum ársfjórðungi

/ Rammasamningar í 3+5x1 ár

- Hönnunarþóknun á m2 og tímaverð
- Keypt beint, örútboð, innkaup ekki bundin samningi



A man and a woman are hiking in a scenic landscape. The man is wearing a green jacket and the woman is wearing a yellow jacket. They are both carrying backpacks and looking at a map. The background shows a body of water, mountains, and a clear sky.

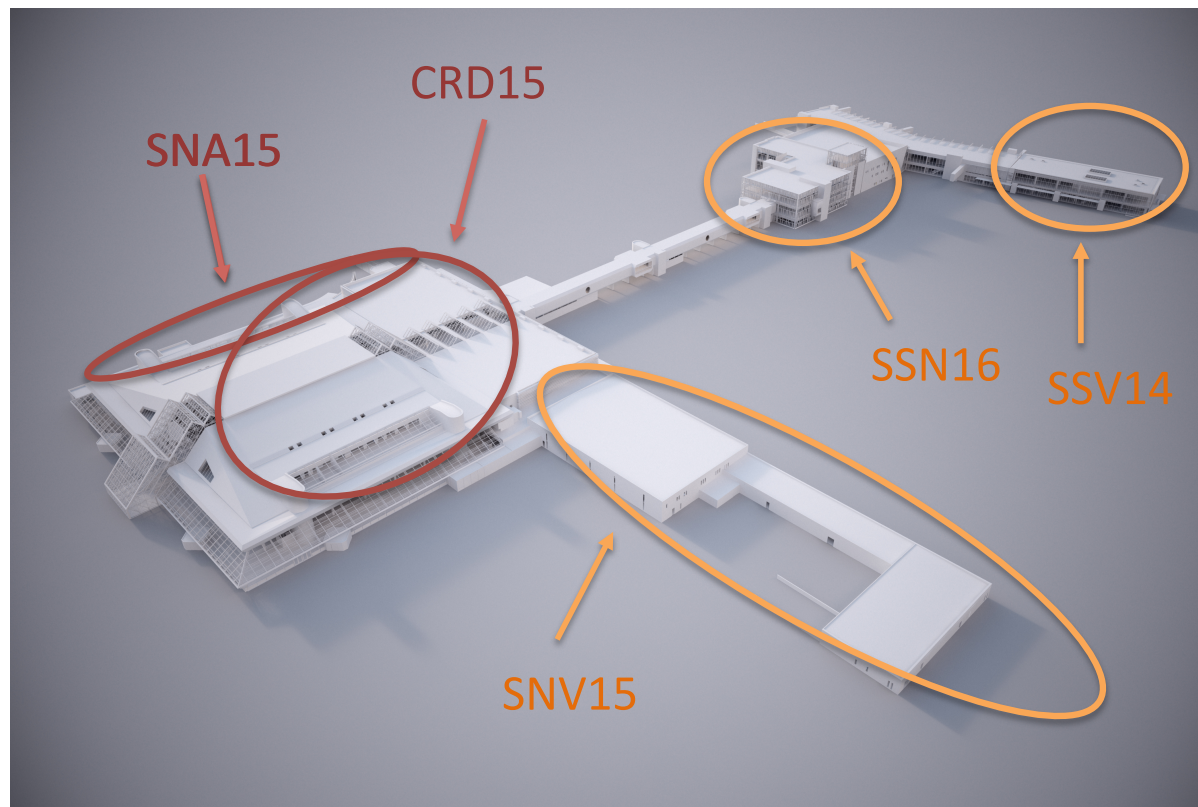
FRAMKVÆMDIR SÍÐUSTU ÁRA

Fjárfestingar frá 2012- 50 milljarðar

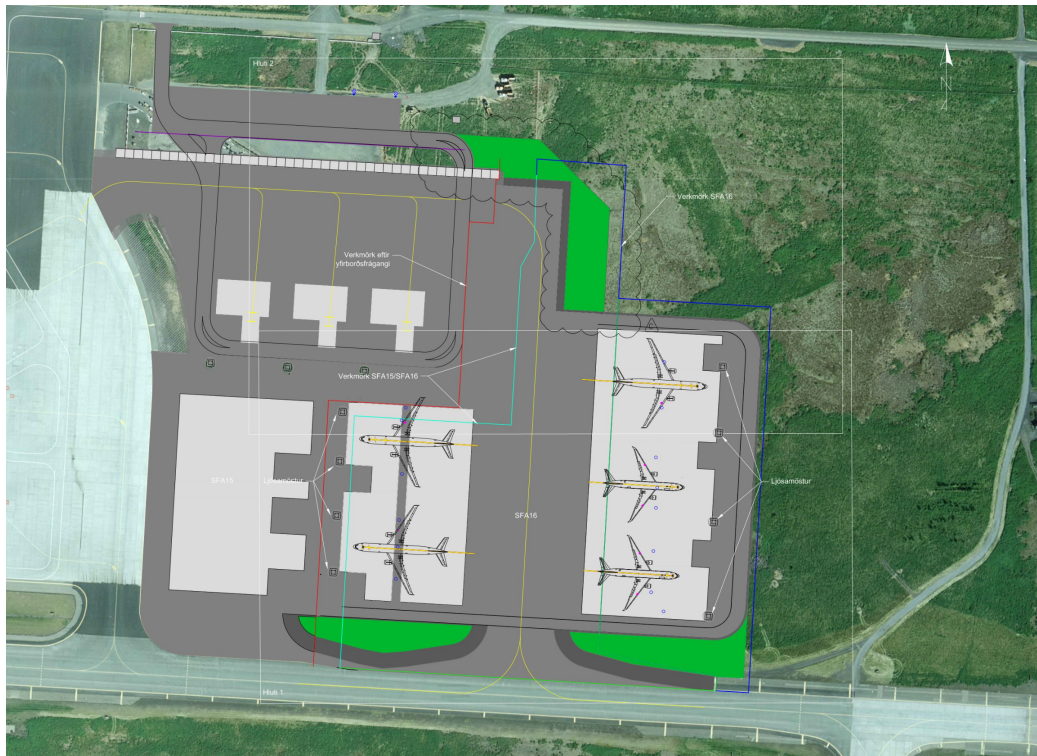


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FRAMKVÆMDIR VIÐ FLUGSTÖÐ



FJARSTÆÐI 13 STÆÐI



Kostnaður: 8 milljarðar

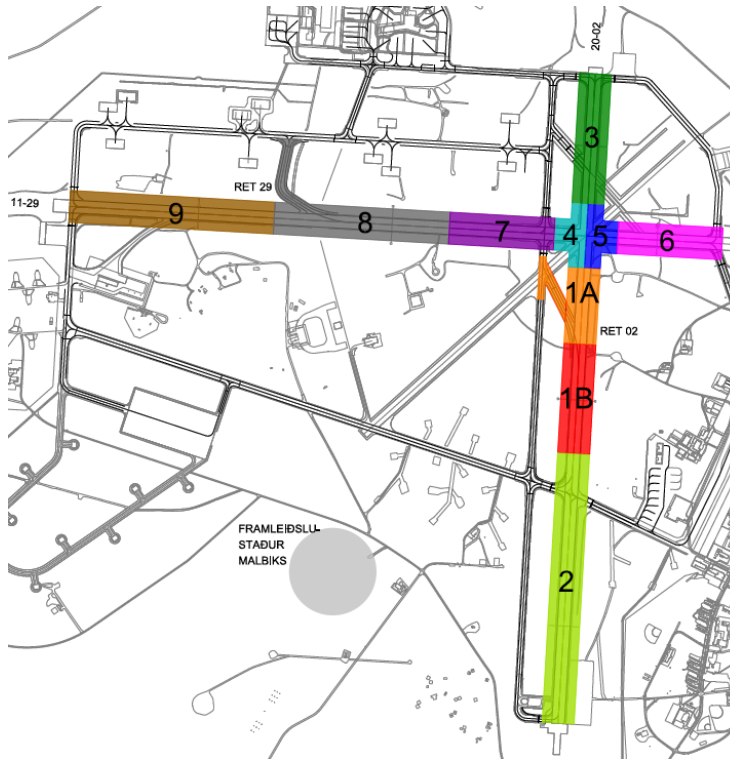
Verktími 4 sumur

- Malbik 88.700 m²
- Steypa 43.700 m²
 - 15 cm þurrsteypa
 - 30 cm steypa

~18 fótboltavellir



ENDURGERÐ FLUGBRAUTA



Heildarkostnaður: ~8 milljarðar

Flugbraut opin allan verktímann

Tveggja ára verkefni

- Malbiks útlögn 740.000m²
- malbiksframleiðsla 106.000 tonn
- Ljós um 1000 stk.

~90 km af 8 m breiðum vegi.



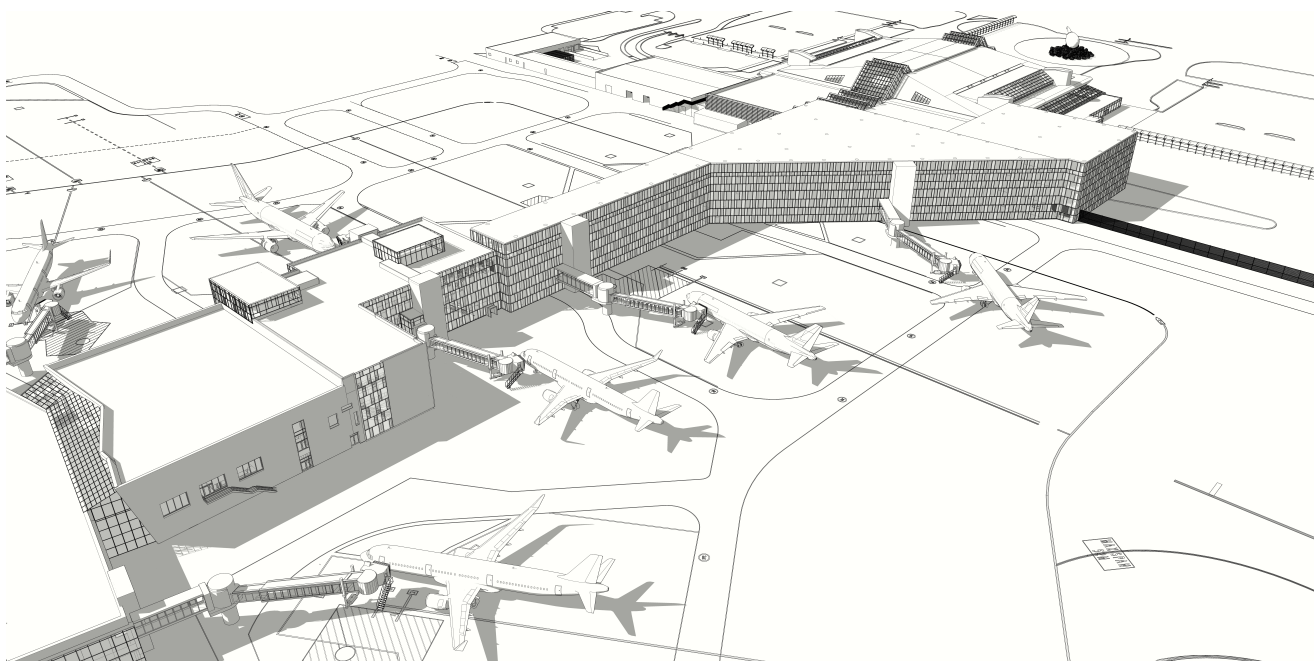
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FYRIRHUGÐAR
FRAMKVÆMDIR



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SLN18 – STÆKKUN LANDGANGS TIL NORÐURS



- / Ný landamæri til framtíðar
- / Aukið biðrými við hlið.
 - Fleiri schengen/non-schengen hlið
- / Létta á suðurbyggingu
- / Stækkun veitingasvæðis í norðurbyggingu
- / 30 – 40.000 m²
- / Concept design



BIM

/ Hannað í BIM umhverfi

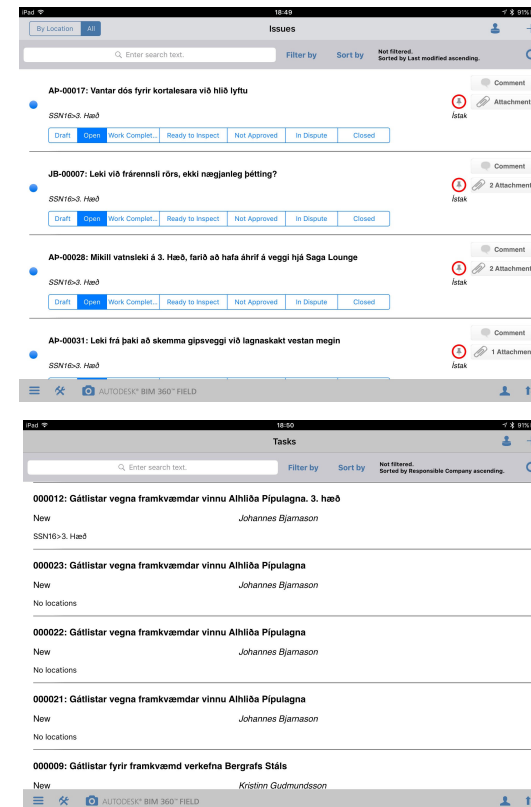
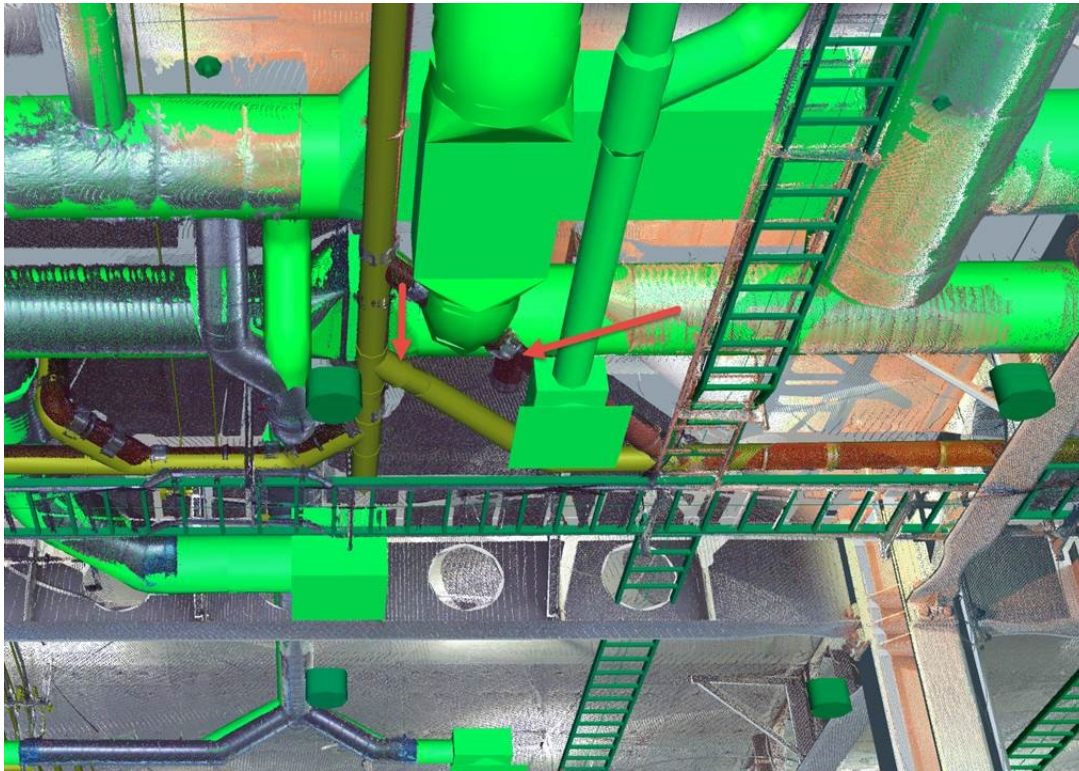
- Eykur gæði í hönnun/samræmingu
- Eykur skilning rekstraraðila
- Upplýsingar miðlægar í gagnagrunn/módeli
- Stuðlar að sparnaði í framkvæmd
- BIM360 Glue
 - Einfalt í notkun
 - iPad

/ Framkvæmt í BIM umhverfi

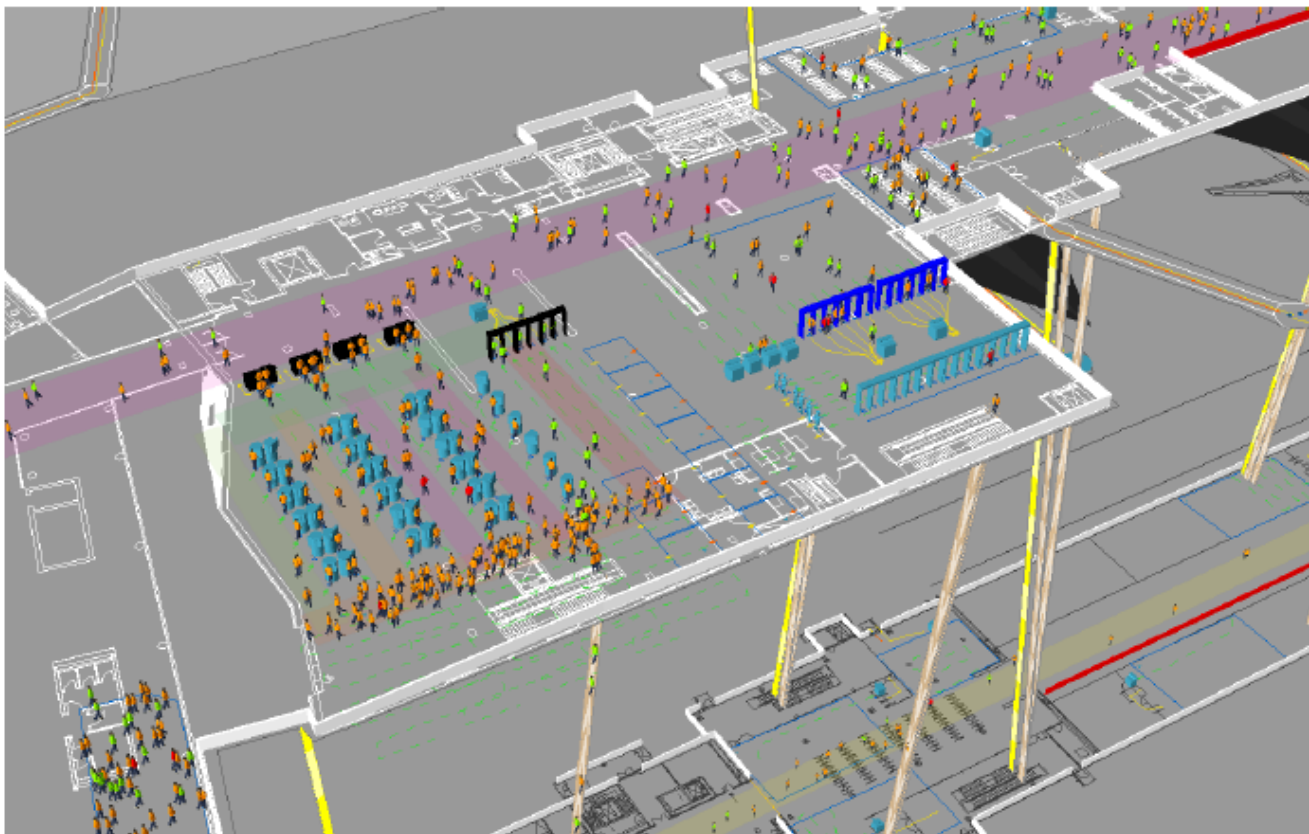
- Stuðlar að betri áætlunargerð
- Framkvæmdaaðilar þekkja bygginguna
- Skrásetning rekjanleg með notkun BIM búnaðs
 - Gátlistar
 - Leifarlistar
 - Fyrirspurnir á hönnuði



3D SKÖNNUN Í FRAMKVÆMD



HERMUN



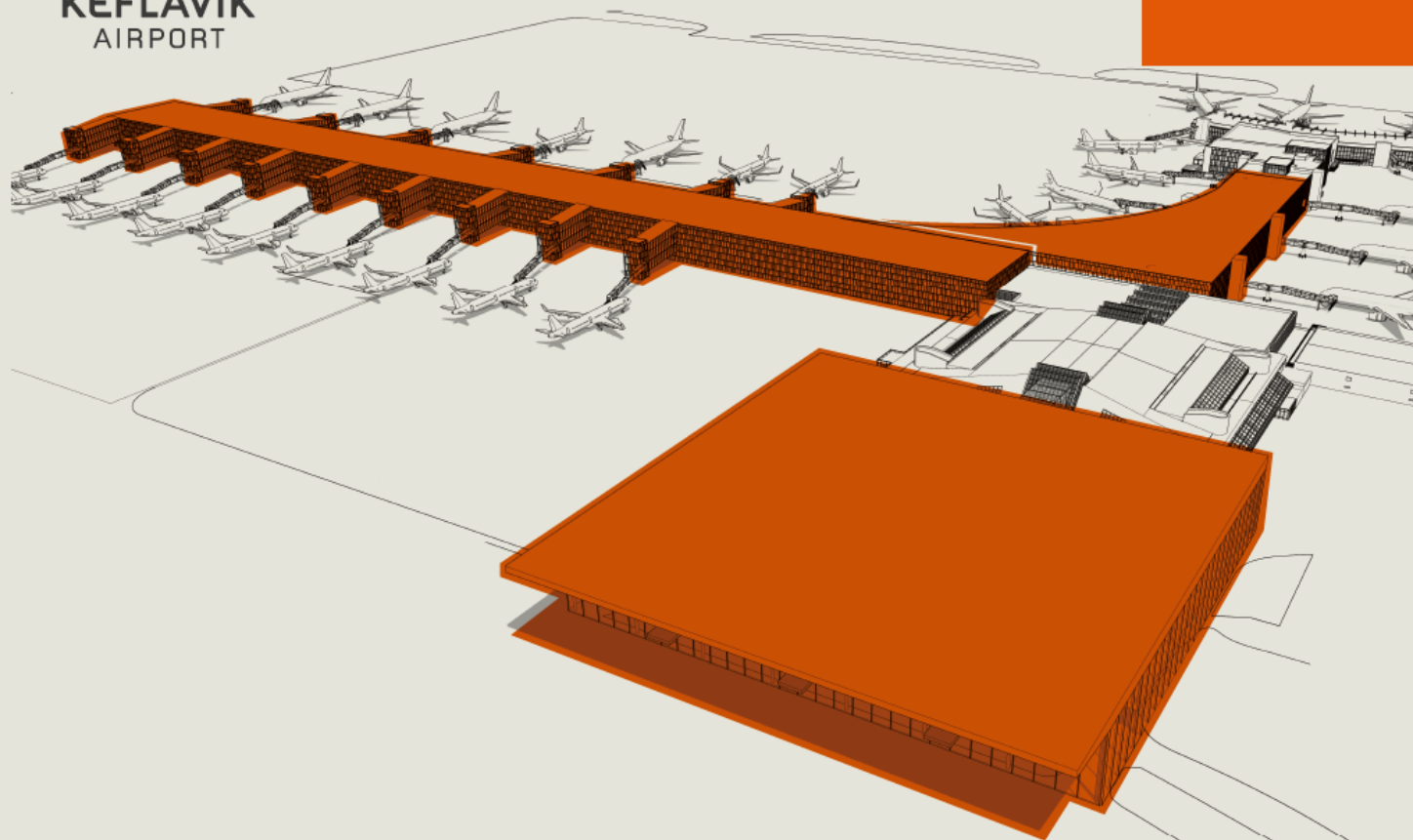
/ Hermun á hönnun
mikilvægur þáttur í
hönnun.

- Mælingar
- Greina hegðun
- Endurhanna mv
hermun.





PLANNING FOR THE FUTURE



<2029 BY THE NUMBERS



220,000M²



14,500,000
ANNUAL PASSENGERS

PEAK NUMBERS



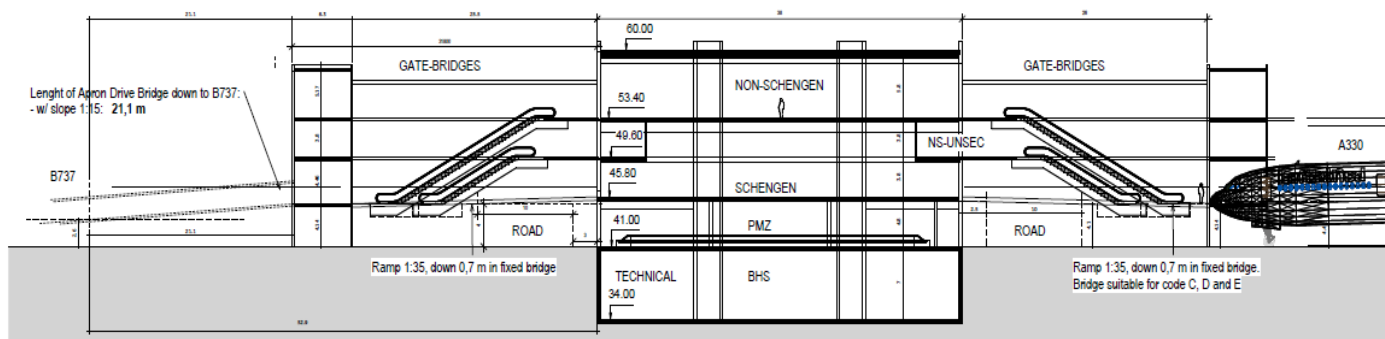
125 BAGS
SORTED PER MINUTE
2018: 80 BAGS PER MINUTE



9,300
PASSENGERS PER HOUR
2018: 5,100 PER HOUR

AUSTURÁLMA

- / 15-20 flugvélastæði
- / Fjórar hæðir, auk kjallara
- / Farangurskerfi á fyrstu hæð og í kjallara.
- / Skipting farþega á þremur hæðum
 - Schengen, non-schengen, non-schengen unsecure
- / 400-500 m löng, 30-40 m breiður
- / 85 - 90.000 m²





TAKK FYRIR



ISAVIA