As of March 2nd, 120 Hours welcomes you to this year's **reference paper.**

March 2nd 2025

Read the paper thoroughly to prepare for the release of the assignment.

Contents 01 Introduction 02 "One Art" by Elizabeth Bishop Chapter 1 03 Tullinløkka history 04 Historical image chart 05 Photos of Tullinløkka 06 Media coverage 07 120 Hours in 2011 Chapter 2 80 The NYC MTA lost & found 09 Lego lost at sea 10 Statistics, forgetfulness and theft 11 Matrix Chapter 3 12 "Displays of Displays" 13 The Pavillion Typology 14 "exhibition" (noun) References 15 Literature Media 16 17 Sponsors

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Welcome to this year's reference paper

This year, as 120 Hours celebrates its 15th edition, we have decided to return to where it all began. The reference paper serves as a guide to spark ideas and associations prior to the task release in **24 hours**.

In 2011, the inaugural 120 Hours competition challenged architecture students to solve the riddle of Tullinløkka – a vacant site in the heart of Oslo, just a few steps away from the National Gallery and the historic buildings of the University of Oslo, which back then had already stood empty for a long time.

The participants of the 120 Hours competition 2011 were tasked with imagining the future of the vacant site - to fill the void by proposing an architectural solution that was suitable for the area and its history. The history of the site reveals it to be a space in flux, transitioning between permeance and impermanence. From sport fields to parking lots, political gatherings to temporary art installations, the site has been filled, emptied, and refilled – each phase leaving behind not only memories but also material traces.

Fifteen years later, the site remains empty, and the riddle unsolved. Over the years, countless proposals have been submitted, yet none have succeeded in filling the void and assigning the site a permanent purpose. Proposals for museums, sculpture parks, temporary installations, even an annex to the National Theatre have been discussed, but the empty site at Tullinløkka endures as an unresolved architectural challenge to this day.

On behalf of all the members of the 120 Hours team, welcome to the reference paper for 120 Hours 2025.

Åsne Storli, Charlotte Elisabeth Mellbye, Sigrid Tveiten, Johanne Ørndahl, Isabell Chen, Felix Vik, Maja Bardal, Signe Andrea Høgstad Kelstrup, Martine Rosseland & Karyna Masan

"ONE ART"

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By Elizabeth Bishop

The art of losing isn't hard to master; so many things seem filled with the intent to be lost that their loss is no disaster.

Lose something every day. Accept the fluster of lost door keys, the hour badly spent.

The art of losing isn't hard to master.

Then practice losing farther, losing faster: places, and names, and where it was you meant to travel. None of these will bring disaster.

I lost my mother's watch. And look! my last, or next-to-last, of three loved houses went. The art of losing isn't hard to master.

I lost two cities, lovely ones. And, vaster, some realms I owned, two rivers, a continent. I miss them, but it wasn't a disaster.

—Even losing you (the joking voice, a gesture I love) I shan't have lied. It's evident the art of losing's not too hard to master though it may look like (Write it!) like disaster.



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Chapter 1: Tullinløkka & 120 Hours

Full tour state of the Co. 110

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Av Odd Gunnar Skagestad, mag.art., spesialrådgiver, Oslo

TULLINLØKKA

Tullinløkka is located in the heart of Oslo and today serves as both a park and a parking area, surrounded by a mix of old and new university buildings, museums, and modern developments with restaurants and cafés. Despite its central location between significant historical landmarks, Tullinløkka has struggled over time to establish a distinct identity.

The square is named after Claus Tullin (1764–1830), a merchant and court intendant, who was the last private owner of the site. Tullin sold this section of the city's commons in the 1830s. Since then, the area has been used for various purposes, including a sports field, exhibition space, parking lot, gas station, "temporary park," and even as a proposed site for a temporary theater building.



Tullinløkka in 2024







Proposal, 1915 Proposal, 1995 Realized, 1920







Realized, 1952 Proposal, 2023 Proposal, 1928







Realized, 1955 Tullinløkka, 1933 Realized, 1938







Tullinløkka, ? Proposal, 2023 Tullinløkka, 1938



Tullinløkka gas station (built, 1955)

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Tullinløkka pavillon "Frosken" (built, 2005)



Tullinløkka ice skating rink (built, 1907)

Nasjonalgalleriet som forsvant

"The show ain't over 'till the fat lady sings'

Så er kulturdebatten over oss igjen. Kulturdebatten? [folge <u>Den belvendte familieboken</u>
(Oslo 1951) var ved midten av foringe århundre det hyppigest brukte ord i norsk
kulturdebatt "åritisekk". Slik er det ikke nå lenger. I vårt avanserte 21. århundre er
kulturdebatt "åritisekk". Slik er det ikke nå lenger. I vårt avanserte 21. århundre er
kulturdebattens fremste stikkord "diskur" og "haradigenskrife". Men rett under den
havhademisk habrojderte overfalten ligger invektivene på ne og vaker - nå som for.
Og denne gangen er det Nasjonalgallerier debatten gjelder. Nasjonalgalleriet som ble
avskaffet, avviklet og som forsvant.

Hva skulle vi egentlig med et Nasjonalgalleri? I nærmere 170 år - helt siden 1837 -It is same v vegening intext exposuragianets. I melitate to a men state is sylvable that the same state is sylvable that the same state is sylvable to the same state is sylvable to the same state is solvable to the s Riksutstillingene. Det innfusjonerte produktet har fått navnet "Nasjonalmuséet for Kunst". Kan det være mytene om stordriftsfordeler og synergieffekter som har tatt

Det er faktisk verre enn som så. Det hele er ledd i et ideologisk prosjekt som har son Det er faktisk verne em som så. Det hele er ledd i et ideologisk prosjekt som har som hensikt å hyten en unseinene fanksjon som hevarere og ankerister for det vi mitte ha av dannelsestradisjon i vårt land. Gammeldags folkeoplysning skal erstattes med en virkcomhet som tilsikter å "byte med rilvante forestillingee", om statssekretar Slettholm i Kullurdepartementet uttrykker det. Særlig konstruktiv tkan dette knapt sies å være, ei heller særlig nyskapende. Allerdee i 1909 formulerte den italienske futurst-aktiveren Marinetti parolære. "Ersom mærkeen" er "a tos ordrep mårkomter" Marinetti maktet – om ikke annet – å skape debatt. Det har også Nasjonalmusket maktet ved sin nvennetnirn av kunstrederen. Nåssionalmellerist med hos sterførine under mottor t Odd Gunnar Skagestad

Tallmagi og tull på Tullinløkken

Mange mener at kulturdebatten er det sikreste tega på at alt er vel i Kongeriket.
Kulturdebatten dreier seg alltid om saftige, sexy og ikke minst tideriktige spørsmål som
f.eks. bokkundleravtalen, Vesthamens fremtid, Hislett stadion og Nasjonalgalleriet endelikt.
Og skulle alle med remar for en stakket stund være utturns. I har man alltide Tullindskken
(alternativ skrivemåler Tullindskks) som evig tilbakevendende stridsspørsmål.

"Solid bakgrunn for egne meninger" har aldri vært noen foratsetning for å delta i den norske kulturdebatten, men det hjelper. Et greit utgangspunkt er å søke bakgrunnskunnskap i <u>Oxlo-</u>
lyrkdeskined, d. stig. Oslo 2000), som på s.449 kan fortelle at "Zhet har vært fremløgt en røkke
planter for braken av Tullindskås, som at å en årrække har vært hovytet som oflentlig
parkeringsplass. Flere av forslagene har ført til adskillig debatt".

Nøkternt og korrekt nok, men ikke særlig spenstig!

En pitagedig mer aktivistisk tone ble slått an i referamseverket <u>Norse</u> en å terskelen (Oslo 2000), som under oppslagsordet "Tullinløkken" på s.179 fremfører følgende hreative innspill: "Grie parkeringsplass mid i Oslo, men slåk kan des jo ikke forstetter (Gremom bede det 20. distinute har det kladd i fingsrenge indrugtgengespe føleshalvere, som har lansert stadig nye pompose monumentalprosjekter. ... Har da en god idé, så kom deg ut av treverket og inn på banen! Og la oss ikke avspore av muligheten til å bebyrde byens sentrum med enda en grønn lunge. ... Noen har foreslått en rocke-scene i rokokko, men alternativene er legio: Hva med et skateboard-senter i ny-brutalistisk stil? Kanskje en Rikshospital-filial med renessansepreg og diskrete overskridelser? Eller et ungdomsherberge i jugend-stil? Hvorfor ikke et barokk-inspirert hvllehjem for miskjent







minerva



Tullinløkka – atter en gang

Nasjonalmuseets byggeplaner på Tullinløkka er innhyllet av en illevarslende taushet. Illevarslende fordi det er åpen og offentlig debatt som må til for å sikre almenhetens faktiske ønsker og behov.

Mange mener at kulturdebatten er det sikreste tegn på at alt er vel i Kongeriket. Mange mener at *kulturuenoatten* er uet sankste tegin þa at at et ver rougetur. Kulturdebatten dreier seg alltid om saftige, sexy og ikke minst tidsriktige saker som f.eks. klimakvoter, Forfatterforeningens medlemskapskriterier og hottentott-faktoren i Thorbjørn Egners barneviser. Og skulle alle andre temaer for en stakket stund være









1ST EDITION OF 120 HOURS (2011)

The very first edition of 120 HOURS was focused on urban space and the activation of dead zones in the city. The site in question, Tullinløkka, is located in the center of Oslo between two major museums and has been subject for debate and neglected for 125 years. The task was to activate the space with minimal intervention, and to focus on social and environmental sustainability.



A conceptual architecture competition for Norwegian students spanning 120 hours

The moment youve all been waiting for! This is the assignment for the first edition of 120hours:

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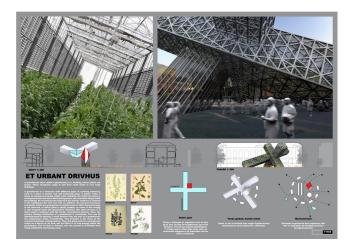
Site: Tullinløkka, Oslo



Assignment sheet from 2011

WINNING ENTRIES (2011)

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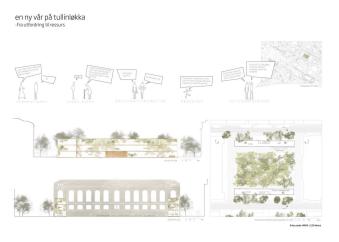


1st place: "Urban Cultivation" by Pål A. Trodahl





2nd place: "Tullinmuren" by Erik O. Holmo and Paal Henning Løkke



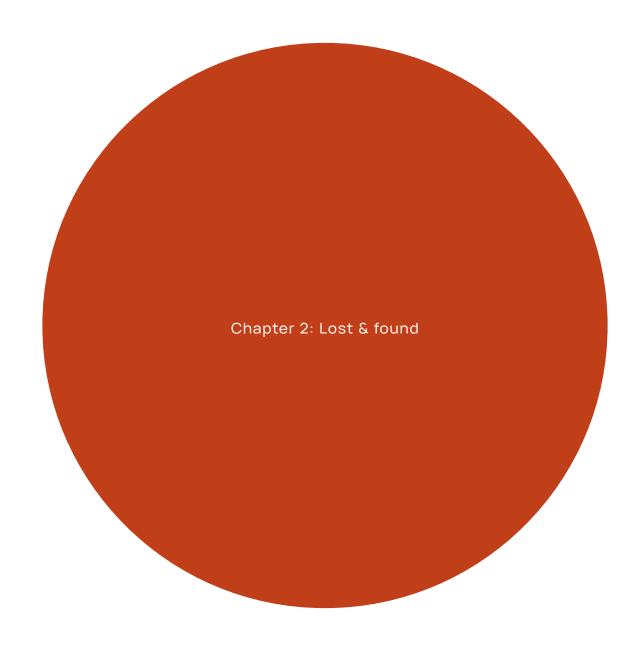




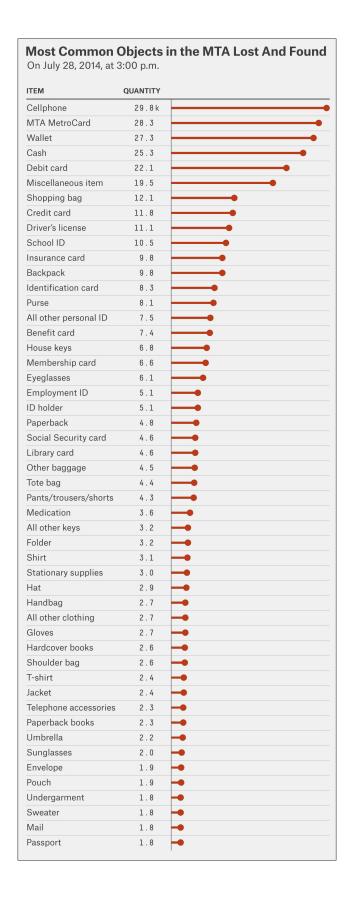
3rd place: "En ny vår på Tullinløkka" by John Sanden and Ingvild Hodnekvam

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Weirdest Objects in the MTA Lost And Found On July 28, 2014, at 3:00 p.m.

ITEM	QUANTITY	ITEM	QUANTITY
Fashion costume	1,782	Airline ticket	67
Dishware	452	Pager	61
Lottery ticket	420	Guitar	33
Personal diary	370	Record player	26
Calculator	348	Saxophone	23
Stuffed animal	216	Blueprint	21
Military ID	181	Death certificate	19
Bicycle	147	Binoculars	18
Fanny pack	147	Photo album	18
VHS tape	97	Galoshes	17
X-rays	96	Tefillin/phylactery*	10
Leather jacket	82	Television set	6
Walkman	73	Skis	2
Entertainment ticket	71	Tie clip	2
Board game	68	Air conditioner	2

 $^{^{\}star}$ A small leather box with Hebrew texts worn by Jewish men during weekday morning prayers

"LEGO LOST AT SEA EXHIBITION AT ROYAL CORNWALL MUSEUM"

15 july 2023

Amy Gladwell BBC News

"Pieces of Lego are hauled up every week by fishermen off Cornwall, more than 25 years after a huge cargo ship spill.



More than five million Lego pieces were lost from the Tokio Express off Land's End in 1997, when a freak wave knocked 62 containers into the sea. Pieces have been washing up along Cornish beaches ever since, and have been found as far away as the Channel Islands, Ireland, Holland and Denmark.

The tale is being told at an exhibition at the Royal Cornwall Museum. The Lego Group said the spill was an "unfortunate accident".

Oceanographers are now using the lost Lego to better understand ocean currents. A study of the pieces by the University of Plymouth published in 2020 suggested a Lego brick could survive in the ocean for as many as 1,300 years.

A spokesperson for the Lego Group said they "don't ever want Lego bricks to end up in the sea" and the spill was "an unfortunate accident". They said: "We are serious about our role in helping to look after the planet and we have a bold sustainability strategy that aims to leave a positive impact for future generations."

LEGO PIECES LOST AT SEA INCLUDE:

- 1. 352,000 pairs of diver fins
- 2. 97,500 miniature scuba tanks
- 3. 88,316 sets of tiny flowers
- 4. 54,000 pieces of seagrass
- 5. 33,941 dragons 514 were green
- 6. 26,600 yellow lifejackets for mini-figures
- 7. 26,400 pieces of ship's rigging

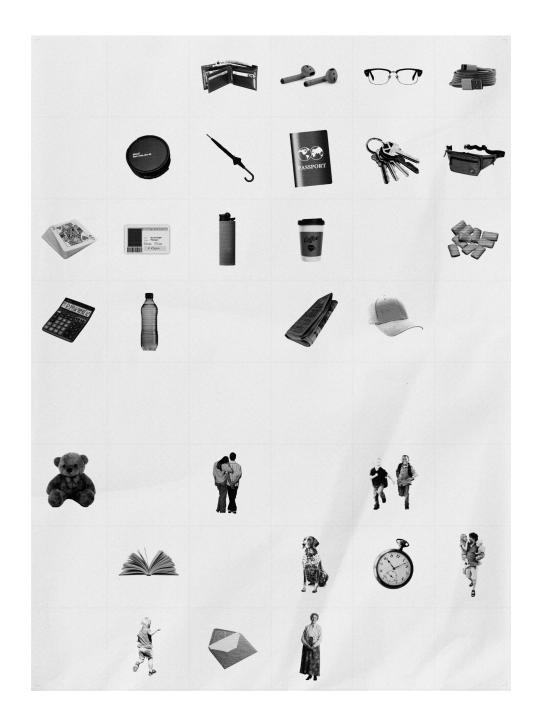
https://www.bbc.com/news/uk-england-cornwall-66187273?fbclid=lwY2xjawIn0DNleHRuA2FlbQIxMAABHQIOpDoBmtb-zxgbvL4QxWV6JWLCm8Z6J7y4q7n0jmR5ZZdzRLAZe9uuew_aem_jQ7rpBbMSSEOrldEGiloMQ

STATISTICS, FORGETFULNESS AND THEFT

- Leading the list of lost items are cell phones, followed by keys, wallets, and sunglasses, pinpointing our most essential and frequently misplaced possessions.
- On average, people dedicate **2.5 days** a year searching for misplaced items, highlighting the considerable amount of time lost. That's an average of **150 days** during your life.
- People use on average 10 minutes a day looking for lost items.
- Despite search efforts, a 33% portion of lost items remain unfound, demonstrating the limitations of existing lost and found systems.
- The holiday season experiences a 25% increase in lost items, emphasising the chaos of high-activity periods.
- In 2019, travellers left behind \$926,030.44 in loose change at US airport security, revealing the monetary losses tied to misplaced items.
- The average individual misplaces up to nine items daily, with over **60%** having lost something at some point.
- A significant 40% of lost items are left in public spaces like restaurants and airports, making them prone to being lost.
- Annually, over **2 million** items are lost in airports, with phones, passports, and laptops being the most common.
- Hotels report an average of 100 lost items each month, ranging from clothing to electronic chargers.
- In the United States, 4 million pets are lost each year.
- 70% of lost items are found by someone other than the owner.
- In 2020, the world had 3.68 Gha of natural forest, extending over 28% of its land area. In 2023, it lost 23.9 Mha of natural forest, equivalent to 14.7 Gt of CO₂ emissions.
- At least 15% of cat owners loose their pet in a five year period.
- At least 14% of dog owners loose therir pet in a five year period.
- At least 2,000 items from the British Museum were reported missing, stolen or damaged in 2023.
- Pablo Picasso is the artist who has more works stolen than anyone else, according to new research. The Spanish master currently has 1,147 paintings registered as stolen, missing or disputed
- In 2023, the number of missing person files in the United States equaled **563,389 cases**.

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The things we forget are not always just physical objects; they can also be psychological, tied to memories, emotions, or experiences that once held deep personal meaning.

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"exhibition"1

noun

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a collection of things shown publicly

An **exhibition**, in the most general sense, is an organized presentation and **display** of a selection of items.²

Exhibitions are usually held in cultural or educational spaces like museums, galleries, parks, libraries, exhibition halls, or at international events like World's fairs. They can cover various themes, from art and history to commercial trade shows, providing visitors with opportunities to explore diverse perspectives and contemporary issues.

Although some exhibitions are permanent, most exhibitions are typically temporary, with defined opening and closing dates. Some are shown in a single location, while others travel between venues or are hosted online, ranging in size from large international events like World's fairs to small solo shows or single-item displays.

Most exhibitions are organized by a team of specialists, with specific roles depending on the nature of the exhibition. Curators handle item selection, writers and editors produce text and materials, while designers or architects shape the layout and presentation.

¹ Camebridge dictionary (https://dictionary.cambridge.org/dictionary/english/exhibition)

² Wikipedia (https://en.wikipedia.org/wiki/Exhibition)

DISPLAYS OF DISPLAYS

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"Display of Displays" is the first temporary exhibition in OMA's Small Hermitage - Kunsthalle – an unveiling and exploration of the Hermitage's historic collection of display cases, exploring their significance as both historical records and works of art. In our work and presence at the Hermitage we have become complete fascinated by what at first appears invisible. The vitrines, designed primarily to enable visitors to see artifacts, and have been increasingly ignored as objects of interest, are of course themselves incredible artifacts. **READ MORE HERE.**



https://www.oma.com/projects/display-of-displays?fbclid=lwY2xjawIn0DRleHRuA2FlbQlxMAABHRo19ypl-31usZZ9P1oz6gpmK5y5kGq71D7viUR-_wz-U2kbNQTDa7Z9qkw_aem_MrHvpBW1f8AKkpMq-O8_Pw

THE PAVILLION TYPOLOGY

A pavilion can serve as a meeting place, an exhibition space, or a platform for architectural experimentation, where new building techniques and design concepts—such as space, light, materials, and innovative forms—can be explored. Blurring the line between art and architecture, pavilions can be placed in both urban and rural settings.



Their flexibility makes pavilions a unique architectural typology, supporting both experimental and functional construction. Often striking and memorable, they can stand as permanent or temporary freestanding structures, welcoming visitors in all weather conditions, at any time of day.

Historically, pavilions have played a key role in world fairs and garden design, with roots in multiple cultures. In Chinese and Japanese gardens, pavilions were designed for contemplation and to frame views of the landscape, while European gazebos and orangeries from the Renaissance and Baroque periods served as gathering spaces in aristocratic gardens.

Today, beyond their spatial qualities, pavilion design increasingly embraces sustainability and interactivity, adapting to contemporary needs and innovations.

An example is the project "Mitmachding for Lausitz" by the design-build network ConstructLab. In the project they created a foldable pavilion designed for public spaces and events. The goal was to enhance civic participation and support community engagement to improve the quality of life in the region of Lausitz in Germany.¹

The pavilion, which fit into two bags and could be transported and set up by two people, featured essential furniture like comfortable seating and interactive displays to showcase the activities of the organizations. It served as a welcoming space for public interaction, whether indoors or outdoors.²

Another example is the Ang Sila Oyster Scaffolding Pavilion Project in Thailand, that aims to revitalize Ang Sila's struggling fishing industry through the creation of a new oyster eco-tourism infrastructure prototype. When in use, local fishermen bring small groups of visitors from Ang Sila to the pavilion, where they can handpick oysters pulled from the ocean below. This new oyster-tasting experience allows the Ang Sila fisherman to relay their fishing history and oyster cultivation heritage directly to visitors in a new and interactive way.

¹ ConstructLab, s.v. "Mitmachding for Lausitz", 20.02.2025. https://constructlab.net/projects/a-mitmachding-for-lausitz/

² ConstructLab, s.v. "Mitmachding for Lausitz", 20.02.2025. https://constructlab.net/projects/a-mitmachding-for-lausitz/



ConstructLab. Mitmacheding for Lausitz by P. Hubmann, P. Zuiderwjik, A. Römer, ConstructLab Berlin E. V., Paredes-Meias CRI. Portugal. Foto. 2024.



Christopher Clarkson. Aldo van Eyck Sculpture Pavilion in Sonsbeek Park & the Kroller Muller Museum. Foto.1966 (reconstruct-



Julien Lanoo. Serpentine Gallery Pavilion by Peter Zumthor



Marciej Jezyk. The Barcelona Pavilion by Ludwig Mies van der Rohe, Foto, 1929.



Rokuon-ji. Kinkaku-ji "Golden Pavilion" by Ashikaga Yoshimitsı Foto. 1397 (reconstructed in 1955).



Ferruzzi Nordic Pavilion in Venice by Sverre Febr. Foto. 1962

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LITERATURE

ArchDaily, s.v. "Angsila Oyster Scaffolding Pavilion by CHAT Architects", 20.02.2025. https://www.archdaily.com/1011331/angsila-oyster-scaffolding-pavilion-chat-architects

ConstructLab, s.v. "Mitmachding for Lausitz", 20.02.2025. https://constructlab.net/projects/a-mitmachding-for-lausitz/

Statistics on lost things:

- https://www.dailymail.co.uk/news/article-2092698/Pablo-Picasso-stolen-artist-world-1k-pieces-work-missing.
- https://www.statista.com/statistics/240401/number-of-missing-person-files-in-the-us-since-1990/
- https://retreev.com/blogs/news-feed/by-the-numbers-unpacking-the-world-of-lost-items-with-retreev

Media coverage on Tullinløkka:

https://ogskagestad.net/www-ogskagestad-net/hovedstaden/tullinlokka.html

"Displays on Displays": https://www.oma.com/projects/display-of-displays?fbclid=lwY2xjawln0DRleHRuA2FlbQlxMA ABHRo19ypl31usZZ9P1oz6gpmK5y5kGq71D7viUR-_wz-U2kbNQTDa7Z9qkw_aem_MrHvpBW1f8AKkpMq-O8_Pw

MEDIA

Chapter 1

Tullinløkka in 2024: https://www.arkitektur.no/aktuelt/arkitektur/hvorfor-ikke-midlertidig-teater-paa-tullinloekka/

Assortment of images of Tullinløkka throughout history:

- https://oslobilder.no/OMU/OB.%C3%9846/0082?query=tullinl%C3%B8kka&search_ context=1&count=206&pos=51
- https://oslobilder.no/OMU/OB.%C3%9846/0082?query=tullinl%C3%B8kka&search_ context=1&count=206&pos=51
- https://oslobilder.no/OMU/OB.X0382?query=tullinl%C3%B8kka&search_context=1&count=206&pos=61
- Foto: Henriksen & Steen Nasjonalbiblioteket. Tullinløkka fylt med busser i 1938.
- Foto: Illustrasjonen av Telje Torp Aasen Arkitektkontor AS er hentet fra forsiden til presentasjonspublikasjonen utgitt av arkitektkontoret, UiO og Nasjonalgalleriet.
- Foto: Rodeo Rebuilding/Statsbygg.
- https://www.aftenposten.no/meninger/debatt/i/W00R9r/tullinloekka-maa-ikke-bygges-ned
- https://www.historiskmuseum.no/utstillinger/utstillingsarkiv/tullinlokka2023/
- https://ogskagestad.net/TullinSpilletAftenMai07.pdf

Material from 120 Hours 2011: https://www.120hours.no/

Chapter 2

Charts over objects in lost & found: https://fivethirtyeight.com/features/mta-new-york-lost-and-found-subway-most-common/

Image of rare green dragon: https://www.bbc.com/news/uk-england-cornwall-66187273?fbclid=lwY2xjawln0D NleHRuA2FlbQlxMAABHQlOpDoBmtb-zxgbvL4QxWV6JWLCm8Z6J7y4q7n0jmR5ZZdzRLAZe9uuew_aem_jQ7rpBbMSSEOrldEGiloMQ

Chapter 3

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Displays of Displays: https://www.oma.com/projects/display-of-displays

David Foessel. Kanna Pavilion by Laure Friès Architecture. Foto. 2024. https://www.archdaily.com/1021445/kanna-pavillion-laure-fries-architecture

Assortment of images of pavillions cited on page.

AUTODESK **Forma**















asasarkitektur









48 ARKITEKTER Lala. HALL STEIN

120 Hours is a non profit organization. We thank our sponsors for making this year's competition possible.

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120 Hours 2025 https://www.120hours.no/