

**URBAN FUTURE SCENARIOS UNDER CLIMATE CHANGE**

**Schwäbisch Gmünd 2050**

# **IT'S GETTING HOT IN HERE**

Society in Gmünd dealing with the heat waves

**Anna Pustizzi, Michelle, Carolin Kaltwasser, Finn Sigg**



## Short description of Gmünd in 2050.

In the year 2050, the government has implemented a drastic measure in response to **severe heat waves and air pollution**: a **daytime lockdown and plant based diet**. This means people must conduct their **lives and work during the nighttime hours** to mitigate the impact of environmental challenges.

The surroundings of Gmünd reflect the devastating impacts of climate change. Roads are broken and cracked, unable to withstand the pressure of intense heat. Once fertile fields lie fallow, their soils dried out and rendered unusable by the relentless sun. Water scarcity has become an acute problem as water reserves are depleted due to prolonged droughts, and the demand for water continues to rise. The heat has become unbearable, and many people avoid being outdoors during the day. Instead, they shift their activities to the cooler nighttime hours, where the air is more pleasant and the sun no longer burns relentlessly. Companies and factories have adjusted their working hours accordingly, allowing employees to work during the cooler hours.

The right-wing party, such as the Alternative for Deutschland (AfD), claims the lockdown is an overreaction to climate change, advocating for a return to normal daytime activities and dismissing the severity of climate change concerns. Despite some experiencing heat-related health issues, protesters in Schwäbisch Gmünd deny climate change, opposing the lockdown and its environmental implications.



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## Gmünd's Fields Rendered Barren

Heatwaves and Wildfires Threaten the Community's Food Supply

Following a recent severe heatwave and widespread wildfires, the once fertile fields around Gmünd have become barren, stripped of essential nutrients and rendered unsuitable for traditional farming. This crisis poses a severe threat to the local population, heavily reliant on these fields for grain and vegetable production. As extreme temperatures and wildfires persist, the community faces significant challenges in meeting its food needs.

Crops that manage to grow are often destroyed by the heat before harvest, exacerbating the food supply problem. Local farmers are deeply affected. Johannes Bauer, a farmer whose family has cultivated these lands for generations, shared his thoughts: "It's devastating to see our fields in such a state. We've always depended on this land for our livelihood and to feed the community." Maria Huber, another local farmer, emphasized the urgency: "We need help, and we need it now. This isn't just about us; it's about the future of our community."

The local government is scrambling to find solutions, but the scale of the disaster requires substantial intervention. As Gmünd rallies together, their resilience is evident, but the road to recovery will be long and arduous.

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Gmünd December 31st, 2050

# The Gmünd Chronicle

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## Innovative Agricultural Practices

### Practices Transform Food Security in Gmünd

Facing the pressures of climate change and dwindling arable land, Gmünd is pioneering innovative farming methods to combat these challenges. The community has rallied together, investing in cutting-edge agricultural technology to secure their future.

Specially designed coverings, or "agricultural canopies," shield crops from intense heat, reflecting harmful UV rays while allowing sufficient light for growth. Advanced irrigation systems, equipped with sensors, optimize water use by monitoring soil moisture and weather conditions, delivering precise amounts of water directly to the roots, and minimizing waste.

Additionally, Gmünd has embraced drought-resistant crop varieties and organic farming practices to enhance soil health and biodiversity.

Markus Schneider, a local farmer, explained, "The new technologies have been a game-changer for us. The canopies and smart irrigation systems mean we can still grow crops even in the worst heat."

Anna Müller, another farmer, shared, "At first, we were skeptical about the new methods. But after seeing the results, we're all on board. It's about creating a sustainable future for our children."



Wednesday, May 15, 2050  
 Today's Paper

# The New York Times

U.S.

## Alice Weidels prophecy became true: "They really wanted to take away my Schnitzels!"

In a bizarre twist of fate, Alice Weidel, known for her love of meat, has found herself at the forefront of a vegetal revolution. What was once dismissed as a wild conspiracy theory has now become a harsh reality for the residents of Schwäbisch Gmünd. Weidel, notorious for her passionate defense of carnivorous delights, famously declared, "They want to take away my Schnitzel!" during a heated debate on climate change. Little did she know that her words would soon ring true in unexpected way. As temperatures soared, Schwäbisch Gmünd faced a meat crisis. Climate change cooked up chaos, making traditional meat production impossible. Livestock struggled, the industry crumbled, but she stood strong, resisting this veggie takeover.



I've been warning them. I've told you they will take our meat! But nobody was listening to that...

Alice Weidel in S

**Climate change cuisine** Alice Weidels prophecy Melting Trcuks Breakfast on sidewalk Liquid diets

## Climate change cuisine: Many restaurants offer heatwave specials with extra spicy dishes.

In a bizarre twist of fate, Alice Weidel, known for her love of meat, has found herself at the forefront of a vegetal revolution. What was once



Melted Icetruck found on street

## Ice cream trucks are melting before they can reach the customers.

People walking around were noticing a melted ice cream truck, that was trying to reach the waiting children.

6 MIN TO READ



Surge in smoothie sales as the residents switch to liquid diets to beat the heat.

6 MIN TO READ



Fried egg on the sidewalk: temperature hits record high, hot breakfast for all.

3 MIN TO READ

August 24, 2050

# Ostalb Kurier

## Gmünd Struggles Amidst Unprecedented Heatwave

Gmünd finds itself in the grip of a severe heatwave, causing widespread devastation across the town's infrastructure and economy.

Roads, designed for moderate climates, are buckling under the relentless sun, creating hazardous conditions for drivers and pedestrians alike. Residential areas are also feeling the heat as air conditioners struggle to keep up. Water shortages compound the crisis, leaving residents parched and exacerbating the already challenging conditions.

by Friedrich Moller



## Adapting to Nighttime: Gmünd's Response to Heatwave

With temperatures soaring in Gmünd, residents are embracing nocturnal living to beat the heat.

Daytime activities shift to cooler evenings, streets quiet by day become vibrant at night with families strolling, cyclists pedaling, and friends gathering in parks under the moonlit sky.

While some adjust easily, others find their routines disrupted, prompting creative solutions like outdoor movie nights and late-night markets. As the town comes alive after dark, Gmünd's resilience shines through, demonstrating its ability to adapt and thrive in the face of adversity.

by Katharina Steiner



# Rems-Zeitung



DIE HEIMATZEITUNG SEIT 1786 • UNABHÄNGIGE ZEITUNG FÜR SCHWÄBISCH GMÜND UND DEN OSTALBKREIS • ÄLTESTE NOCH ERSCHIEINENDE TAGESZEITUNG IN BADEN-WÜRTTEMBERG

Number 111

Mittwoch, 15, Mai 2050

€ 2,40

## 2 MORE VICTIMS FROM THE HEAT WAVES



In a tragic turn of events, two individuals lost their lives due to scorching temperatures that soared to a staggering 55 degrees Celsius. The victims, both elderly, succumbed to the intense heat while engaging in a protest against imposed restrictions. The incident unfolded amidst a wave of discontent over governmental measures aimed at curbing certain freedoms. As temperatures soared to unprecedented levels, dissenters took to the streets to voice their opposition, only to be met with the merciless force of nature. Reports indicate that the two deceased, identified as elderly protesters, collapsed amidst the sweltering heat and were rushed to the hospital. Despite medical efforts, they tragically passed away, underscoring the dire consequences of extreme weather conditions. The fatalities have reignited discussions surrounding the urgency of addressing climate change and implementing adequate measures to mitigate its effects. With temperatures reaching alarming heights, experts warn of the increasing frequency and severity of heatwaves, posing a significant threat to vulnerable populations. As communities mourn the loss of two lives, authorities are urged to prioritize the safety and well-being of citizens, particularly the elderly and those at risk during extreme weather events. The tragic outcome serves as a somber reminder of the urgent need for comprehensive action to combat the escalating impacts of climate change.

## CONTROVERSY ABOUT 3D PRINTED MEAT

In a groundbreaking development that's shaking up the food industry, the emergence of 3D printed meat has sparked a wave of controversy. While proponents tout its potential to revolutionize food production, critics voice concerns ranging from food safety to ethical



# NEWSPAPER

## New riot against the state's impositions.



The streets of Stuttgart have become the stage for a vibrant and determined protest as citizens express their disgust against government restrictions in response to the pandemic. The announcement of a new lockdown has unleashed an unprecedented wave of outrage, with thousands of people flooding the city's squares to make their voices heard. The atmosphere is tense as protesters gather, carrying signs proclaiming "Enough with the lockdowns!" and "Freedom cannot be suppressed!". The reasons for their protest are clear: many citizens denounce the devastating impact that lockdowns have had on the local economy and their personal lives. Shopkeepers lament the loss of customers and income, while precarious workers fear losing their means of livelihood. Frustration also grows among parents, forced to juggle remote work with supervising their children due to school closures. The presence of law enforcement is evident, with officers deployed along the streets to ensure public safety. However, so far the protests have remained peaceful, with demonstrators determined to make their voices heard in a civil yet resolute manner. Local authorities have responded to the protests with a mix of understanding and caution. While they acknowledge the concerns of citizens, they also emphasize the importance of keeping public health at the forefront of political decisions. However, critics accuse the government of lacking transparency and engaging in insufficient dialogue with the population. As twilight envelops the city, the protests continue to grow, with demonstrators determined to make their voices heard until their demands are met. In this moment of uncertainty and tension, Stuttgart has become the symbol of a nation divided between the need to protect public health and the desire to preserve individual freedoms.


## The lockdown rules

As temperatures soar to record levels across Germany, the federal government has announced new lockdown rules in response to the extreme heat. The unexpected move has sparked a wave of surprise and indignation among citizens.

government control over citizens' daily lives. The economic consequences of the new rules are already evident, with numerous sectors affected by restrictions on opening hours and commercial activities. Restaurants and nightclub





**Trueman05**   
@trueman05

3:16 PM - 26 June 2047



We are always fighting against the government that is trying to kill us! Nobody can tell us it's just the sun killing all of us, when it was completely different the last 100 of years. We're f\*\*\*\*\* fighting back!



1 Retweet 11 Likes



**bigfarmer02**   
@bigfarmer02

3:16 PM - 26 June 2047



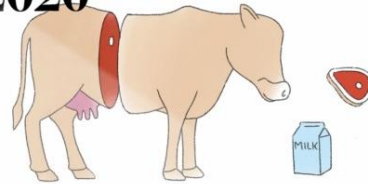
I can't believe how lazy my cows are! Sleeping all day. Wish I had this chilled time to rest! #angry #annoyed #afd



1 Retweet 11 Likes

POSTS FROM GMÜND 2050

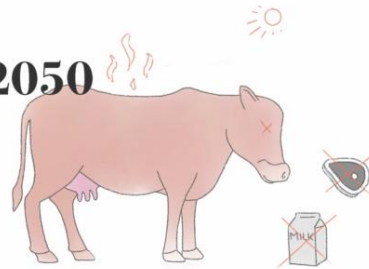
**2020**



This is why we eat vegetarian



**20250**



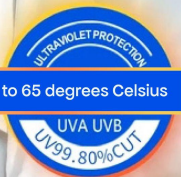
**POSTS FROM GMÜND 2050**

Protect from UVA  
UVB  
RADIATION

# Solar Glow Apparel

Reduce the risk of skin  
cancer to 20%

Protect up to 65 degrees Celsius



1,218 likes

Solar.Glow Discover the latest trend, protective jacket. Protect yourself from the heat and the ray of this crazy sun ☀️☀️☀️

3 HOURS AGO

Add a comment...

Post

## Arid Soil Boost THE NEW BEST DRY SOIL FERTILIZER IS HERE!



MADE OF 100% SOFT SOIL OF ANTARTICA



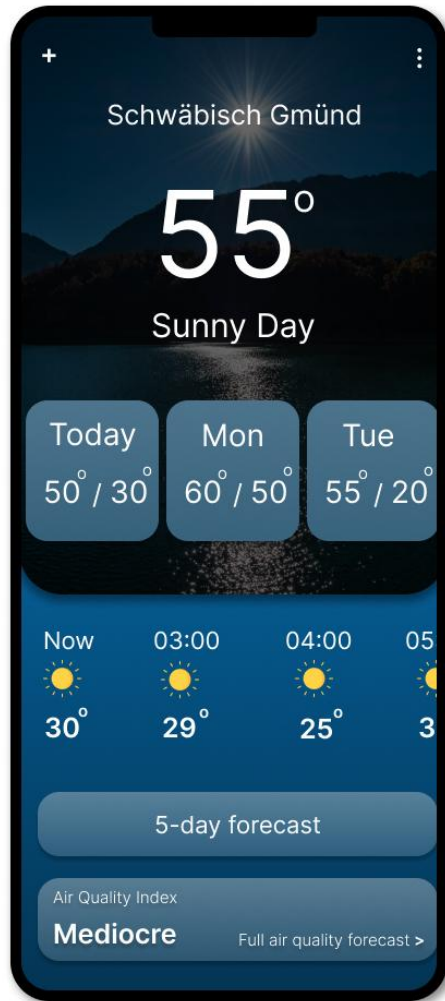
2,474 likes

arid.soil Transform your crops with our new best dry soil fertilizer! 🌱🌱🌱  
Boost resilience and growth even in the toughest conditions.  
#SustainableFarming #InnovativeAgriculture

24 HOURS AGO

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**POSTS FROM GMÜND 2050**



Annika.Hermann



**Annika.Hermann** Finally today we made our voice heard against these ridiculous rules. I can't put an end to our freedom just for this stupid idea of climate change invented by the government and those who want to silence us [#weknowthetruth](#) [#free](#) [#yesmeatnolockdown](#)



Felix.müller 🤔😊👍👍

3h Reply



3 HOURS AGO



Add a comment...

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POSTS FROM GMÜND 2050

freedom.lover

# NO MEAT, NO PEACE!

The recent restrictions has undermined our most fundamental freedoms. Our daily live has been subjected to unprecedented control, limiting our live and even our very own dietary choices.



No authority should have the power to decide for our freedom!!!

12.05.2050  
from 17:00 till late  
Starting at the Marktplatz

1,218 likes

freedom.lover Bring back our normal social life!!!!

3 HOURS AGO

Add a comment... Post

VS

change.isreal

# NO MEAT, NO HEAT!!!

Did you know that shrinking meat consumption can lower our greenhouse gas emissions? By cutting down on meat, we can fight climate changing and create a better environment for us.



No one should have the right to decide if scientific results are correct or not

12.05.2050  
from 17:00 till late  
Starting at the Marktplatz

1,218 likes

change.is\_real Let's fight for our planet!!!! We will see u on Marktplatz!!!!

3 HOURS AGO

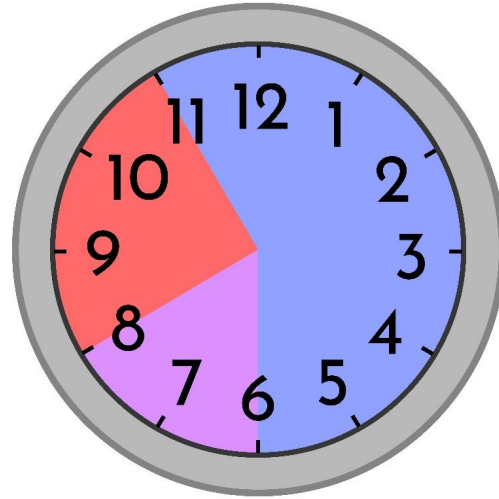
Add a comment... Post

POSTS FROM GMÜND 2050

# Working day in 2050

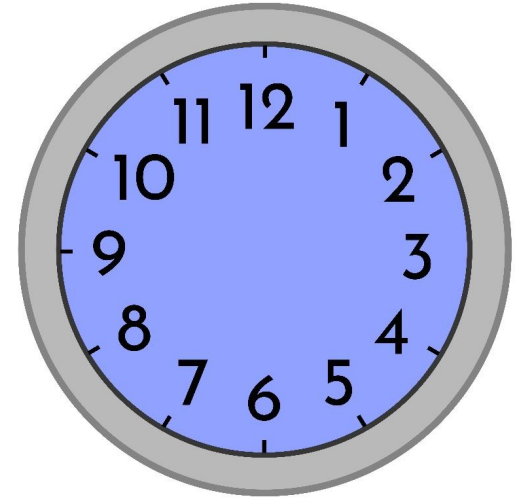
## Summer




11pm-8am working is possible



## Winter

6pm-6am working is possible



-  possible to work outside
-  possible to work at home
-  This time period = too hot

Especially in summer, the working hours are very flexible. There are cooler periods in the morning when it is only possible to work at home, while in winter it's feasible to work outside throughout the entire night-time. Things like construction works only can be done in winter.

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# **URBAN FUTURE SCENARIOS UNDER CLIMATE CHANGE**

## **Schwäbisch Gmünd 2050**

This Scenario was built during the "Gmünd 2050: Urban Future Scenarios" Workshop, at Schwäbisch Gmünd, Germany, in may 2024.  
The authors agree it be made available at the Urban Future Scenarios website, with open access, and used as reference in future workshops.