

# TUI BLUE MAKARSKA

## Sustainability Report

Prepared by: Hrvoje Dedić-Jandrek, Head of Technical Department Assistant    September 2024.

### Introduction

The following sustainability report aims to provide comprehensive information about our hotel's commitment to sustainability, encompassing our initiatives in environmental and animal protection, resource conservation, and human rights management. We strive to create a welcoming environment for our guests while minimizing our ecological footprint and supporting ethical practices. This report outlines our ongoing efforts to implement sustainable practices throughout our operations, enhance guest experiences, and promote responsible tourism that respects both the environment and the local community.

### Environmental Performance

#### Energy

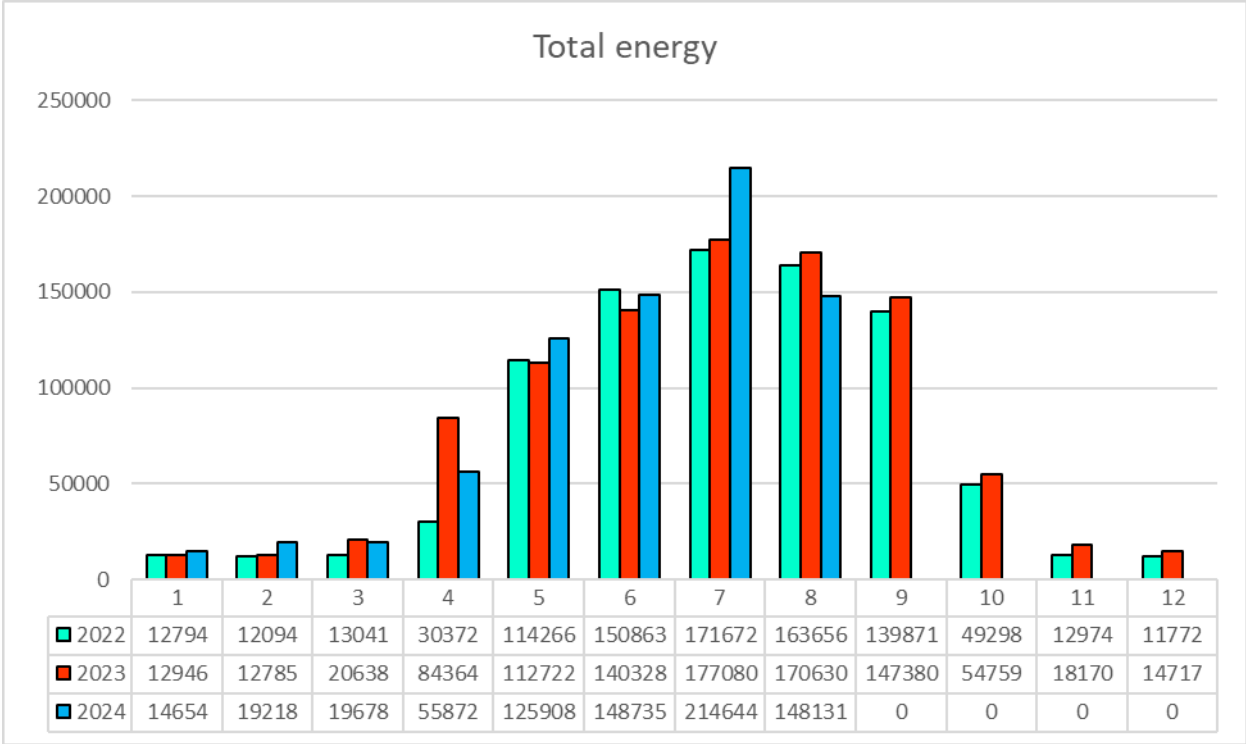
The graph provides a detailed overview of total energy consumption at the hotel for the years 2022, 2023, and 2024, broken down by month. This visual representation allows us to identify trends in energy usage over the years and assess the impact of operational changes, specifically the installation of a new buffet in 2024.

A notable trend is the peak energy consumption observed in July for all three years. This aligns with the high guest activity typical of the summer season. However, in 2024, we expect a significant change in our energy consumption patterns due to the new buffet, which will likely lead to a decrease in gas consumption and an increase in electricity usage. The graph may illustrate this shift, particularly showing a reduction in gas usage in the months following the installation compared to previous years.

While the installation of the new buffet is a positive step towards modernizing our facilities, it also brings challenges. The expected increase in electricity consumption could lead to a higher overall energy usage despite the reduction in gas consumption. Therefore, it is crucial for us to monitor these changes closely. The graph highlights a general upward trend in energy consumption from 2022 to 2024, which necessitates our ongoing commitment to energy efficiency.

To address these challenges, we must focus on optimizing energy usage in conjunction with the new buffet. This includes adopting energy-efficient technologies and practices that can help mitigate the anticipated increase in electricity consumption. Educating both staff and guests about energy conservation is essential, especially in dining areas, where the buffet will have a significant impact on overall energy usage.

In summary, this graph serves as a valuable tool for analyzing our energy consumption patterns and the effects of our new buffet installation. By closely examining these trends and implementing effective strategies, we can continue our commitment to sustainability while enhancing the guest experience at the hotel. Our goal remains to reduce greenhouse gas emissions and manage our resources responsibly, ensuring that we balance operational efficiency with environmental stewardship.



Graph 1. Total energy in TUI Blue Makarska

**Water**

The graph illustrates water consumption at the hotel for the years 2022, 2023, and 2024, providing insights into monthly usage patterns and highlighting changes over the three-year period.

**Overall Trends:** From the data presented, water consumption peaks during the summer months, particularly in July and August, when guest occupancy is typically at its highest. The sharp increases in these months can be attributed to the higher demand for water from both guests and the hotel's operational activities.

**Yearly Comparisons:**

In 2022, water consumption was relatively stable, with significant usage in the warmer months but less pronounced peaks compared to subsequent years.

In 2023, there was a notable increase in water consumption in the spring and summer months. This trend suggests a rise in guest numbers or changes in operational practices that increased water usage, particularly in June and July, where figures are substantially higher than in 2022.

2024 shows a mixed picture. While there are decreases in water usage in some months compared to 2023, particularly in April and May, July and August reflect even higher figures than previous years, indicating a continued increase in demand during peak season.

**Key Observations:**

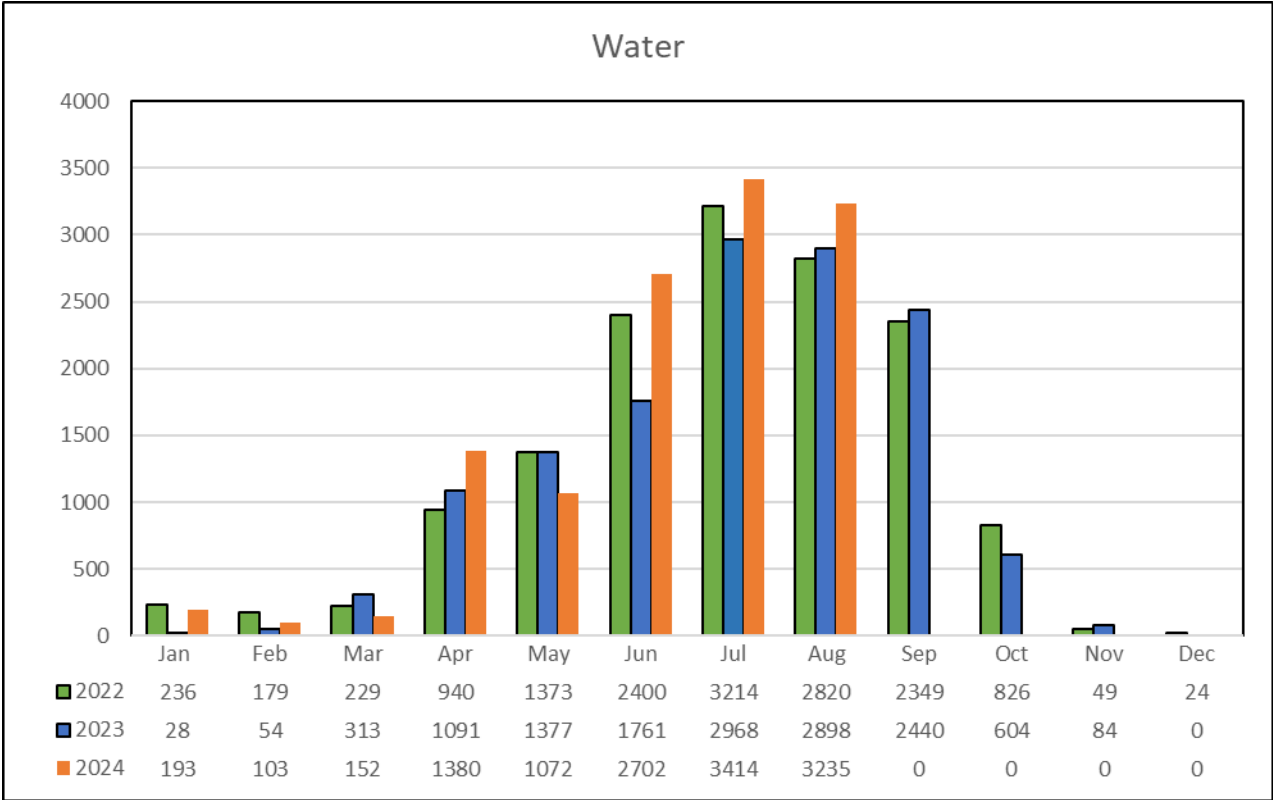
April and May of 2024 show a drop in water consumption compared to 2023, which might be indicative of successful conservation measures or changes in operational practices that optimize water use.

July continues to be the month with the highest consumption, reflecting ongoing demand during the peak tourist season. The data suggests that the hotel must implement strategies to manage this spike effectively. August sees a slight reduction in water use compared to July, but it remains elevated, emphasizing the need for continuous water conservation efforts even in high-demand months.

Strategic Implications: Given the trends indicated in the graph, the hotel must continue to prioritize water conservation initiatives, especially during the peak tourist season. Implementing efficient water-saving technologies, like low-flow fixtures, and educating guests about water conservation practices can help manage and potentially reduce water consumption in the coming years.

Moreover, it will be essential to monitor the effectiveness of these measures and adjust them as necessary, particularly in light of the increased consumption trends observed in the peak months of summer. As we move forward, a comprehensive approach that includes staff training, guest engagement, and investment in efficient technologies will be key to achieving our sustainability goals related to water use.

Overall, this graph serves as a critical tool for understanding water consumption patterns and guiding our efforts towards sustainable water management in the hotel. By analyzing these trends, we can implement targeted strategies to reduce our water footprint while ensuring an enjoyable experience for our guests.



Graph 2. Water consumption for the years 2022, 2023, and 2024.

## Waste

While the high landfill emissions pose a challenge, the low emissions from composting indicate that the hotel is capable of implementing sustainable practices. By investing in better recycling systems, providing clear guidelines for waste segregation, and promoting eco-friendly practices among guests and staff, the hotel could reduce its landfill reliance and associated emissions.

In analyzing the waste emissions for 2024, we see both challenges and opportunities for improvement in the hotel's waste management practices. The total waste emissions amounted to 78,839.97 kg CO<sub>2</sub>e, representing a significant part of the hotel's overall carbon footprint.

A substantial portion of these emissions came from landfill waste, accounting for 77,281.14 kg CO<sub>2</sub>e or approximately 98.02% of total waste emissions. This high percentage suggests that most of the waste generated is ending up in landfills, highlighting a need for more effective waste reduction and recycling strategies.

On a positive note, the hotel reported 94.62 kg CO<sub>2</sub>e from composted waste, which is about 0.12% of the total emissions. While this figure is small, it shows that the hotel is engaging in sustainable practices. Increasing composting efforts could significantly enhance these numbers and lower overall emissions.

Recycling also contributed minimally, with emissions from recycled waste amounting to 72.41 kg CO<sub>2</sub>e, just 0.09% of the total. This indicates room for improvement in recycling initiatives. Enhancing recycling programs could help reduce waste and positively impact the hotel's overall carbon emissions.

Additionally, there were 1,391.80 kg CO<sub>2</sub>e from waste disposed of using unknown methods, making up about 1.77% of total emissions. This highlights the importance of tracking waste disposal more accurately to ensure accountability.

Overall, the waste emissions data for 2024 reveal both challenges and opportunities for the hotel. Focusing on enhancing composting and recycling efforts, as well as improving waste disposal tracking, can lead to significant strides toward sustainability. Implementing these strategies aligns with environmental best practices and strengthens the hotel's reputation as an eco-conscious establishment.

SectionName	Classification	August 2024	July 2024	June 2024	May 2024	April 2024	March 2024	February 2024	January 2024	December 2023	November 2023	October 2023	September 2023	TOTAL
Summary	Total energy (Btu)	233,694.00	186,479.25	152,901.50	150,629.96	58,596.25	20,479.25	19,539.50	14,814.25	14,717.00	18,650.75	56,991.50	151,867.00	<b>1,058,729.21</b>
	Total water consumption (m³)	3,235.00	3,414.00	2,792.00	1,072.00	2,724.25	152.00	103.00	103.00	0.00	84.00	604.00	604.00	<b>16,723.25</b>
	Total solid waste (kg)	30,200.00	30,140.00	24,080.00	19,930.00	7,820.00	1,200.00	0.00	0.00	0.00	0.00	9,660.00	17,150.00	<b>140,230.00</b>
	Total Emissions (kg CO <sub>2</sub> e)	30,489,940.33	24,288,970.57	19,798,080.89	16,757,931.69	7,436,622.16	2,617,395.51	2,556,095.87	1,949,092.51	1,937,361.00	2,416,733.12	7,288,144.24	18,612,493.53	<b>137,148,861.42</b>
	Total Net Emissions (kg CO <sub>2</sub> e)	30,489,940.33	24,288,970.57	19,798,080.89	16,757,931.69	7,436,622.16	2,617,395.51	2,556,095.87	1,949,092.51	1,937,361.00	2,416,733.12	7,288,144.24	18,612,493.53	<b>137,148,861.42</b>
	Actual Guest Nights	103,140.00	103,180.00	9,473.00	9,054.00	1,312.00	0.00	0.00	0.00	0.00	0.00	2,099.00	10,037.00	<b>52,346.00</b>
	Ave. emissions per guest night (kg CO <sub>2</sub> e)	2,896.84	2,399.28	2,089.95	1,859.99	5,632.63	0.00	0.00	0.00	0.00	0.00	3,579.19	1,954.02	<b>2,598.26</b>
	Ave. emissions per m <sup>2</sup> GFA (kg CO <sub>2</sub> e)	2,505.46	2,045.04	1,666.93	1,410.96	626.14	220.38	215.21	164.11	164.80	203.48	613.64	1,651.30	<b>962.29</b>
	Scope 1 Emissions (kg CO <sub>2</sub> e)	866.70	731.30	760.55	861.76	497.28	146.26	58.50	29.25	0.00	87.78	290.52	818.06	<b>1,150.94</b>
	Scope 2 Emissions (kg CO <sub>2</sub> e)	30,489,073.63	24,288,239.27	19,797,320.34	16,749,069.93	7,436,124.88	2,617,249.25	2,555,937.37	1,948,963.26	1,937,361.00	2,416,645.34	7,287,853.46	18,611,675.47	<b>137,097,810.48</b>
	Scope 3 Emissions (kg CO <sub>2</sub> e)	16,255.83	19,308.27	15,560.33	11,369.93	1,148.87	75.25	48.36	81.25	0.00	35.36	4,964.72	10,134.47	<b>65,866.44</b>
	Environmentally hazardous substances (kg)	1,856.00	485.00	82.00	1,289.00	1,538.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>5,517.20</b>
	Environmentally hazardous substances (lb)	4,073.25	1,068.00	180.00	2,836.50	3,381.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>12,161.35</b>
	High emission food purchased (kg)	4,369.50	6,606.36	4,696.86	9,093.00	3,096.40	190.00	0.00	0.00	0.00	0.00	336.50	5,413.50	<b>33,796.72</b>
	High emission food purchased (lb)	1,496.50	1,420.60	887.80	799.20	355.00	12.00	0.00	0.00	0.00	0.00	72.00	998.00	<b>5,948.20</b>
	Single Use Plastics Items purchased	1,472.00	5,390.00	2,560.00	4,142.00	8,142.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>22,497.00</b>
	Energy	Mass Electricity and Gas (Btu)	233,694.00	186,479.25	152,901.50	150,629.96	58,596.25	20,479.25	19,539.50	14,814.25	14,717.00	18,650.75	56,991.50	151,867.00
Mass Electricity (kg CO <sub>2</sub> e)		30,489,073.63	24,288,239.27	19,797,320.34	16,749,069.93	7,436,124.88	2,617,249.25	2,555,937.37	1,948,963.26	1,937,361.00	2,416,645.34	7,287,853.46	18,611,675.47	<b>137,097,810.48</b>
Mass Natural Gas (kg CO <sub>2</sub> e)		233,694.00	186,479.25	152,901.50	150,629.96	58,596.25	20,479.25	19,539.50	14,814.25	14,717.00	18,650.75	56,991.50	151,867.00	<b>1,058,729.21</b>
Ave kWh Per Guest Night		22.33	17.79	16.14	14.43	48.36	0.00	0.00	0.00	0.00	0.00	27.66	15.15	<b>28.00</b>
Total Energy Emissions (kg CO <sub>2</sub> e)		30,490,664.70	24,295,640.30	19,782,515.55	16,745,625.76	7,437,473.28	2,617,320.26	2,556,052.50	1,949,011.25	1,937,361.00	2,416,697.79	7,283,239.52	18,602,339.06	<b>137,060,980.94</b>
Water	Miles Water (m³)	3,235.00	3,414.00	2,792.00	1,072.00	2,724.25	152.00	103.00	103.00	0.00	84.00	604.00	604.00	<b>16,723.25</b>
	Miles Water (kg CO <sub>2</sub> e)	482.21	568.89	450.60	159.73	405.91	22.60	15.35	28.76	0.00	12.52	90.00	90.36	<b>2,491.79</b>
	Ave. consumption per guest night (m³)	0.31	0.32	0.29	0.12	0.26	0.00	0.00	0.00	0.00	0.00	0.30	0.24	<b>0.32</b>
	Wastewater (m³)	3,235.00	3,414.00	2,792.00	1,072.00	2,724.25	152.00	103.00	103.00	0.00	84.00	604.00	604.00	<b>16,723.25</b>
	Wastewater (kg CO <sub>2</sub> e)	679.82	598.61	734.94	291.58	741.00	41.34	28.02	52.50	0.00	22.85	164.29	166.88	<b>4,548.73</b>
	Total Water Emissions (kg CO <sub>2</sub> e)	1,562.39	1,437.29	1,137.54	451.31	1,146.91	63.99	43.36	81.25	0.00	35.36	254.29	1,027.24	<b>7,040.46</b>
Waste	Composted (kg CO <sub>2</sub> e)	15.22	14.50	9.67	11.64	0.00	0.00	0.00	0.00	0.00	0.00	4.95	23.81	<b>84.42</b>
	Landfill (kg CO <sub>2</sub> e)	17,878.47	17,878.47	14,416.13	10,813.59	2,995.26	0.00	0.00	0.00	0.00	0.00	4,613.80	9,083.42	<b>77,281.14</b>
	Recycled Waste Emissions (kg CO <sub>2</sub> e)	0.00	0.00	0.00	29.39	14.91	0.43	0.00	0.00	0.00	0.00	27.68	0.00	<b>72.41</b>
	Unknown disposal method (kg CO <sub>2</sub> e)	0.00	0.00	0.00	0.00	1,391.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>1,391.80</b>
	Total Solid Waste Emissions (kg CO <sub>2</sub> e)	17,893.89	17,892.98	14,425.79	10,854.62	4,007.97	11.26	0.00	0.00	0.00	0.00	4,645.43	9,107.23	<b>78,839.97</b>

Fig 1. EPIT by Travelife

## Recommended Improvements

Building on the efforts outlined in previous sections regarding energy, water, and waste management, we propose the development and implementation of enhanced communication strategies to further engage staff, guests, and visitors in supporting our emissions reduction efforts. Plans include organizing educational workshops, distributing informative materials, and leveraging digital platforms to raise awareness. These strategies will be integral to our 2025 Sustainability Action Plan, ensuring that all stakeholders are actively involved in achieving our environmental objectives. We welcome input and suggestions from all interested parties as we work together toward a more sustainable future.

## Biodiversity

As part of our sustainability efforts, we are also focused on reducing single-use plastics in daily operations. To support this initiative, we have planted a variety of herbs in line with our planting guidelines, which enriches the area's biodiversity and enhances the overall environment for both guests and staff. Additionally, we ensure that our procurement policy avoids harmful personal care products that negatively impact the environment and biodiversity.

We actively inform our valued guests about the importance of choosing eco-friendly products during their stay and invite them to donate to organizations that support biodiversity in the area. Together, we can help protect the local ecosystem and promote a healthier environment for all.

## Local community engagement

The TUI BLUE Makarska and TUI BLUE Adriatic Beach hotels in Živogošće actively collaborate with the local community through projects that promote ecological, social, and economic development. A key aspect of this collaboration is regular meetings with local representatives to improve the tourist offer and infrastructure. In 2023, they donated 1,600.00 euros to the Podgora Volunteer Fire Department, followed by 378.79 euros in 2024, along with food donations during the August wildfire. They also donated 604.00 euros to the Igrane Water Polo Club and 2,866.25 euros for fishing nights cultural event in 2024. The collaboration includes renting 46 beds from 10 local families, supporting local producers, and providing technical assistance in emergencies, thus continuously strengthening the local economy and preserving traditions.

## Human Rights Protection at TUI BLUE Adriatic Beach and TUI BLUE Makarska

At TUI BLUE Adriatic Beach and TUI BLUE Makarska, equality, integrity, and acceptance of diversity are key values, reflecting TUI Group's commitment to a respectful and inclusive workplace. We ensure all employees—regardless of nationality, religion, gender, age, sexual orientation, race, political views, or disability—feel welcome and respected.

In 2024, we strengthened this commitment by implementing the following initiatives:

- Diversity, Equity & Inclusion (DE&I) Live Stream Event – Held on May 8th, with staff from TUI BLUE Adriatic Beach and TUI BLUE Makarska.
- TUI Big Picture Presentation – Part of onboarding, focusing on respect and inclusivity for all.

- Complaint Procedure Training – Employees were informed of their right to report harassment and the procedure for doing so.
- Human Rights and Child Rights Training – Educating staff on human and child rights protection.
- TUI Integrity Passport – Employees were trained on behavior guidelines aligned with TUI’s ethical standards.
- We encourage our guests and visitors to report any concerns they may have regarding child exploitation and abuse directly to the local police. Our app provides clear instructions on how to do so.

These efforts ensure a safe, inclusive, and respectful environment for all.

### **Animal Welfare**

At our hotel, we are committed to animal welfare and do not support or engage in any activities that exploit or mistreat animals. We provide guidance to our guests on how to interact with animals responsibly and encourage donations to support animal welfare initiatives.

# TUI BLUE MAKARSKA

## Izvještaj o održivosti

**Pripremio: Hrvoje Dedić-Jandrek, Zamjenik korporativnog voditelja tehničke službe  
Rujan 2024.**

### Uvod

Ovo izvješće o održivosti ima za cilj pružiti sveobuhvatne informacije o predanosti našeg hotela održivosti, obuhvaćajući naše inicijative u zaštiti okoliša i životinja, očuvanju resursa i upravljanju ljudskim pravima. Težimo stvaranju gostoljubivog okruženja za naše goste uz istovremeno smanjenje našeg ekološkog otiska i podržavanje etičkih praksi. Ovo izvješće ističe naše kontinuirane napore u implementaciji održivih praksi kroz naše operacije, poboljšanju iskustava gostiju i promicanju odgovornog turizma koji poštuje i okoliš i lokalnu zajednicu.

### Ekološka Učinkovitost

#### Energija

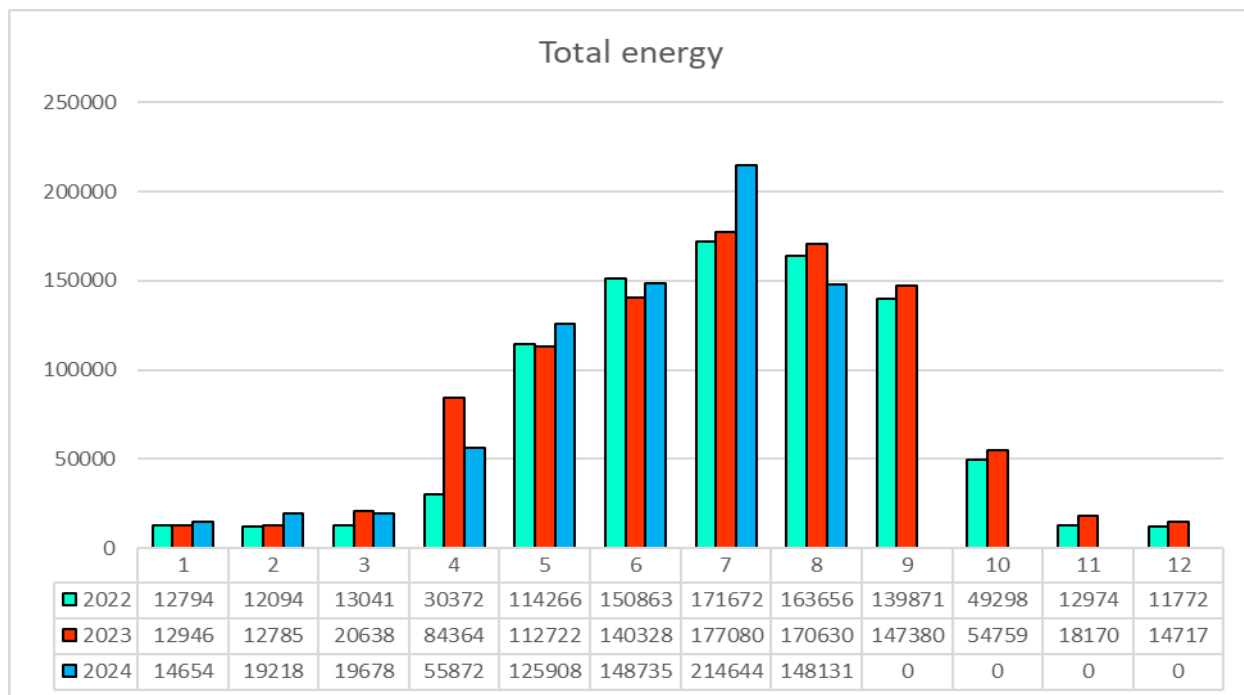
Grafikon pruža detaljan pregled ukupne potrošnje energije u hotelu za godine 2022., 2023. i 2024., razdijeljen po mjesecima. Ova vizualna prezentacija omogućava nam da identificiramo trendove u potrošnji energije tijekom godina i procijenimo utjecaj operativnih promjena, posebno instalacije novog bifea u 2024. godini.

Značajan trend je vrhunac potrošnje energije zabilježen u srpnju za sve tri godine. To se podudara s visokom aktivnošću gostiju koja je karakteristična za ljetnu sezonu. Međutim, u 2024. godini očekujemo značajnu promjenu u našim obrascima potrošnje energije zbog novog bifea, što će vjerojatno dovesti do smanjenja potrošnje plina i povećanja potrošnje električne energije. Grafikon bi mogao prikazati ovaj pomak, posebno pokazujući smanjenje potrošnje plina u mjesecima nakon instalacije u usporedbi s prethodnim godinama.

Iako je instalacija novog bifea pozitivan korak prema modernizaciji naših objekata, donosi i izazove. Očekivano povećanje potrošnje električne energije moglo bi dovesti do veće ukupne potrošnje energije unatoč smanjenju potrošnje plina. Stoga je važno da pažljivo pratimo ove promjene. Grafikon ističe opći uzlazni trend potrošnje energije od 2022. do 2024. godine, što zahtijeva našu kontinuiranu predanost energetske učinkovitosti.

Kako bismo se suočili s ovim izazovima, moramo se usredotočiti na optimizaciju potrošnje energije u skladu s novim bifeom. To uključuje usvajanje tehnologija i praksi energetske učinkovitosti koje mogu pomoći u ublažavanju predviđenog povećanja potrošnje električne energije. Edukacija zaposlenika i gostiju o očuvanju energije je od suštinske važnosti, posebno u prostorima za objedovanje, gdje će bife imati značajan utjecaj na ukupnu potrošnju energije.

Ukratko, ovaj grafikon služi kao vrijedan alat za analizu naših obrazaca potrošnje energije i učinaka naše instalacije novog bifea. Pažljivim ispitivanjem ovih trendova i implementacijom učinkovitih strategija možemo nastaviti svoju predanost održivosti, a istovremeno poboljšati iskustvo gostiju u hotelu. Naš cilj ostaje smanjenje emisije stakleničkih plinova i odgovorno upravljanje našim resursima, osiguravajući da uravnotežimo operativnu učinkovitost s očuvanjem okoliša.



Graph 1. Total energy in TUI Blue Makarska

## Voda

Grafikon prikazuje potrošnju vode u hotelu za godine 2022., 2023. i 2024., pružajući uvid u mjesečne obrasce korištenja i ističući promjene tijekom trogodišnjeg razdoblja.

**Opći Trendovi:** Prema prikazanim podacima, potrošnja vode doseže vrhunac tijekom ljetnih mjeseci, posebno u srpnju i kolovozu, kada je popunjenost gostiju obično najviša. Oštri porasti potrošnje u tim mjesecima mogu se pripisati većoj potražnji za vodom od strane gostiju i operativnih aktivnosti hotela.

### Godišnje Usporedbe:

- U 2022. godini, potrošnja vode bila je relativno stabilna, s značajnom uporabom u toplijim mjesecima, ali s manje izraženim vrhunskim vrijednostima u usporedbi s kasnijim godinama.
- U 2023. godini zabilježen je značajan porast potrošnje vode u proljetnim i ljetnim mjesecima. Ovaj trend sugerira porast broja gostiju ili promjene u operativnim praksama koje su povećale potrošnju vode, posebno u lipnju i srpnju, gdje su brojke značajno veće nego u 2022. godini.
- Godina 2024. donosi mješovitu sliku. Dok su neki mjeseci, poput travnja i svibnja, zabilježili smanjenje potrošnje vode u usporedbi s 2023. godinom, srpanj i kolovoz pokazuju čak i više brojke nego prethodnih godina, što ukazuje na kontinuirani porast potražnje tijekom vrhunca sezone.

### Ključne Opservacije:

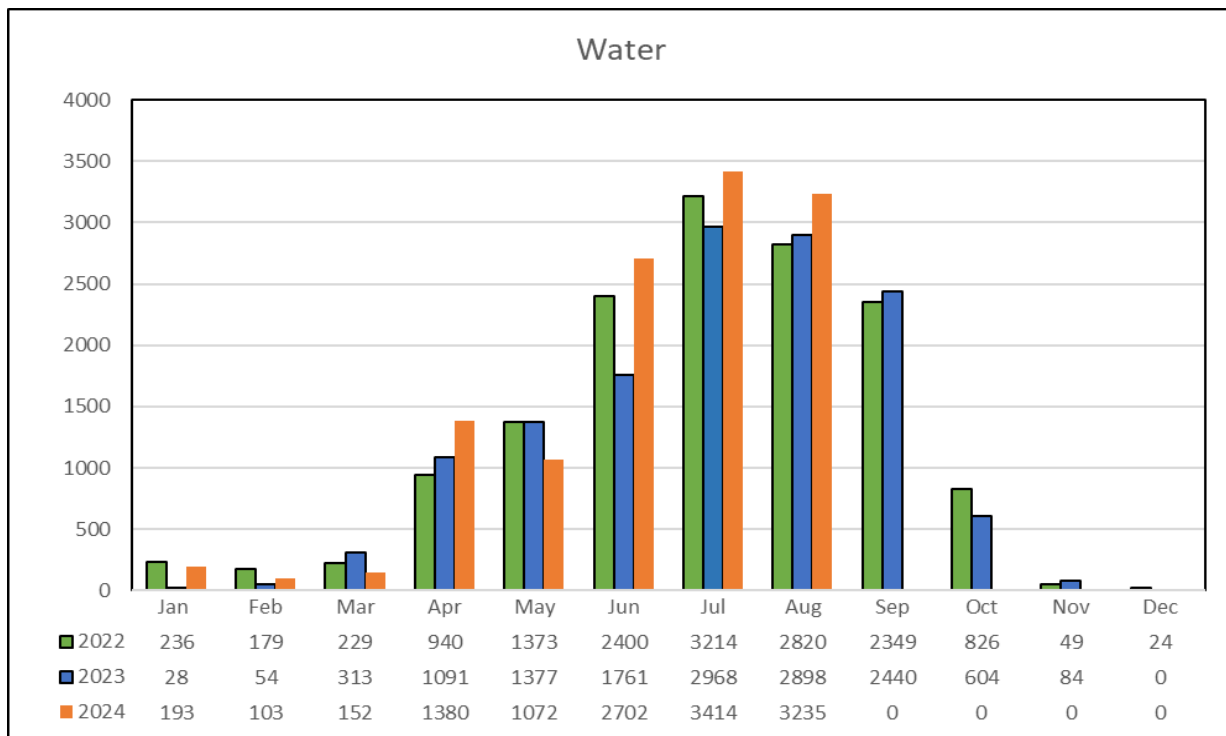


- Travanj i svibanj 2024. godine pokazuju pad potrošnje vode u odnosu na 2023., što može ukazivati na uspješne mjere očuvanja ili promjene u operativnim praksama koje optimiziraju korištenje vode.
- Srpanj ostaje mjesec s najvišom potrošnjom, odražavajući stalnu potražnju tijekom vrhunske turističke sezone. Podaci sugeriraju da hotel mora implementirati strategije za učinkovito upravljanje tim porastom.
- Kolovoz bilježi blago smanjenje potrošnje vode u odnosu na srpanj, ali ostaje na visokoj razini, naglašavajući potrebu za kontinuiranim naporima u očuvanju vode čak i u mjesecima s visokom potražnjom.

**Strateške Implikacije:** S obzirom na trendove prikazane u grafikonu, hotel mora nastaviti prioritarno ulagati u inicijative očuvanja vode, posebno tijekom vrhunske turističke sezone. Uvođenje učinkovitih tehnologija za uštedu vode, poput armatura s niskim protokom, i edukacija gostiju o praksama očuvanja vode mogu pomoći u upravljanju i potencijalnom smanjenju potrošnje vode u narednim godinama.

Također će biti ključno pratiti učinkovitost ovih mjera i prilagoditi ih po potrebi, posebno u svjetlu povećanih trendova potrošnje u vrhunskim ljetnim mjesecima. Kako bismo napredovali, sveobuhvatan pristup koji uključuje obuku osoblja, angažman gostiju i ulaganje u učinkovite tehnologije bit će ključan za postizanje naših ciljeva održivosti vezanih uz korištenje vode.

Sveukupno, ovaj grafikon služi kao kritični alat za razumijevanje obrazaca potrošnje vode i usmjeravanje naših napora prema održivom upravljanju vodom u hotelu. Analizom ovih trendova možemo implementirati ciljanje strategije za smanjenje našeg vodnog otiska, osiguravajući pritom ugodno iskustvo za naše goste.



Graph 2. Water consumption for the years 2022, 2023, and 2024.

## Otpad

Iako visoke emisije iz odlagališta predstavljaju izazov, niske emisije iz kompostiranja ukazuju na to da hotel može provoditi održive prakse. Ulaganjem u bolje sustave recikliranja, pružanjem jasnih smjernica za odvajanje otpada i promicanjem ekološki prihvatljivih praksi među gostima i osobljem, hotel bi mogao smanjiti svoju ovisnost o odlagalištima i povezane emisije.

Analizirajući emisije otpada za 2024. godinu, uočavamo izazove i prilike za poboljšanje praksi upravljanja otpadom u hotelu. Ukupne emisije otpada iznosile su 78,839.97 kg CO<sub>2</sub>e, što predstavlja značajan dio ukupnog ugljičnog otiska hotela.

Značajan dio tih emisija potječe od otpada koji se odlaže na odlagališta, koji čini 77,281.14 kg CO<sub>2</sub>e ili približno 98.02% ukupnih emisija otpada. Ovaj visoki postotak sugerira da većina generiranog otpada završava na odlagalištima, naglašavajući potrebu za učinkovitijim strategijama smanjenja otpada i recikliranja.

S pozitivne strane, hotel je prijavio 94.62 kg CO<sub>2</sub>e iz kompostiranog otpada, što čini oko 0.12% ukupnih emisija. Iako je ova brojka mala, ona pokazuje da hotel sudjeluje u održivim praksama. Povećanjem napora na kompostiranju moglo bi se značajno poboljšati ove brojke i smanjiti ukupne emisije.

Recikliranje je također imalo minimalan doprinos, s emisijama iz recikliranog otpada koje iznose 72.41 kg CO<sub>2</sub>e, samo 0.09% ukupnog. To ukazuje na prostor za poboljšanje inicijativa recikliranja. Unapređenje programa recikliranja moglo bi pomoći u smanjenju otpada i pozitivno utjecati na ukupne ugljične emisije hotela.

Dodatno, bilo je 1,391.80 kg CO<sub>2</sub>e iz otpada koji se odložio korištenjem nepoznatih metoda, što čini oko 1.77% ukupnih emisija. To naglašava važnost točnog praćenja odlaganja otpada kako bi se osigurala odgovornost.

Sveukupno, podaci o emisijama otpada za 2024. godinu otkrivaju izazove i prilike za hotel. Fokusiranjem na poboljšanje kompostiranja i recikliranja, kao i na poboljšanje praćenja odlaganja otpada, mogu se postići značajni napori prema održivosti. Implementacija ovih strategija usklađuje se s najboljim ekološkim praksama i jača reputaciju hotela kao ekološki svjesnog objekta.

Section/Name	Classification	August 2024	July 2024	June 2024	May 2024	April 2024	March 2024	February 2024	January 2024	December 2023	November 2023	October 2023	September 2023	TOTAL
Summary	Total energy (kWh)	232,694.50	186,479.25	152,991.50	150,628.96	58,596.25	20,479.25	19,538.50	14,814.25	14,717.50	18,650.75	56,581.50	151,887.00	<b>1,058,728.21</b>
	Total water consumption (m <sup>3</sup> )	3,235.00	3,414.00	2,792.00	1,072.00	2,724.25	152.00	103.00	193.00	0.00	84.00	604.00	2,440.00	<b>16,723.25</b>
	Total solid waste (kg)	30,220.00	30,140.00	24,000.00	19,890.00	7,820.00	1,230.00	0.00	0.00	0.00	0.00	9,660.00	17,150.00	<b>140,230.00</b>
	Total Emissions (kg CO <sub>2</sub> e)	30,499,840.33	24,288,970.57	19,798,080.89	16,757,931.89	7,436,622.16	2,617,395.31	2,556,095.87	1,949,092.31	1,937,361.00	2,416,733.12	7,288,144.24	18,612,493.53	<b>137,148,861.42</b>
	Total Net Emissions (kg CO <sub>2</sub> e)	30,499,840.33	24,288,970.57	19,798,080.89	16,757,931.89	7,436,622.16	2,617,395.31	2,556,095.87	1,949,092.31	1,937,361.00	2,416,733.12	7,288,144.24	18,612,493.53	<b>137,148,861.42</b>
	Actual Guest Nights	10,514.00	10,518.00	9,473.00	8,054.00	1,212.00	0.00	0.00	0.00	0.00	0.00	2,038.00	10,037.00	<b>52,846.00</b>
	Ave. emissions per guest night (kg CO <sub>2</sub> e)	2,898.84	2,309.28	2,089.95	1,850.89	6,135.63	0.00	0.00	0.00	0.00	0.00	3,576.13	1,954.02	<b>2,599.26</b>
	Ave. emissions per m <sup>2</sup> GFA (kg CO <sub>2</sub> e)	2,365.48	2,025.04	1,666.93	1,818.96	626.14	203.38	215.21	164.11	164.80	203.68	615.64	1,651.30	<b>942.29</b>
	Scope 1 Emissions (kg CO <sub>2</sub> e)	866.70	751.30	760.55	861.76	497.28	146.16	58.52	39.25	0.00	87.76	292.52	819.06	<b>5,180.94</b>
	Scope 2 Emissions (kg CO <sub>2</sub> e)	30,498,973.63	24,288,219.27	19,797,320.34	16,757,070.13	7,436,124.88	2,617,174.00	2,555,994.00	1,948,982.00	1,937,361.00	2,416,610.00	7,287,846.00	18,611,674.00	<b>137,057,830.00</b>
	Scope 3 Emissions (kg CO <sub>2</sub> e)	19,255.63	19,380.27	15,960.33	11,300.93	5,148.87	75.25	43.36	81.25	0.00	33.36	4,904.72	10,134.47	<b>85,880.44</b>
	Environmentally hazardous substances (kg)	1,809.00	665.00	82.00	1,289.00	1,539.20	0.00	0.00	0.00	0.00	0.00	0.00	36.00	<b>5,517.20</b>
	Environmentally hazardous substances (l)	403.25	289.00	284.00	300.50	413.85	0.00	0.00	0.00	0.00	0.00	0.00	529.75	<b>2,810.35</b>
	High emission food purchased (kg)	4,365.50	6,606.36	4,696.86	9,093.60	3,096.40	190.00	0.00	0.00	0.00	0.00	336.50	5,413.50	<b>33,788.72</b>
	High emission food purchased (l)	1,496.00	1,202.60	887.60	759.00	305.00	12.00	0.00	0.00	0.00	0.00	72.00	998.00	<b>5,948.20</b>
	Single Use Plastic Items purchased	1,672.00	3,306.00	2,590.00	4,142.00	8,140.00	0.00	0.00	0.00	0.00	0.00	0.00	649.00	<b>22,457.00</b>
	Energy	Miles Electricity and Gas (MWh)	232,694.50	186,479.25	152,991.50	150,628.96	58,596.25	20,479.25	19,538.50	14,814.25	14,717.50	18,650.75	56,581.50	151,887.00
Miles Electricity (kg CO <sub>2</sub> e)		30,498,973.63	24,288,219.27	19,797,320.34	16,757,070.13	7,436,124.88	2,617,174.00	2,555,994.00	1,948,982.00	1,937,361.00	2,416,610.00	7,287,846.00	18,611,674.00	<b>137,057,830.00</b>
Total Kilowatt Hours (kWh)		232,694.50	186,479.25	152,991.50	150,628.96	58,596.25	20,479.25	19,538.50	14,814.25	14,717.50	18,650.75	56,581.50	151,887.00	<b>1,058,728.21</b>
Ave kWh Per Guest Night		22.22	17.57	16.14	18.43	48.33	0.00	0.00	0.00	0.00	0.00	27.66	15.13	<b>20.00</b>
Total Energy Emissions (kg CO <sub>2</sub> e)		30,499,840.33	24,288,970.57	19,798,080.89	16,757,931.89	7,436,622.16	2,617,395.31	2,556,095.87	1,949,092.31	1,937,361.00	2,416,733.12	7,288,144.24	18,612,493.53	<b>137,148,861.42</b>
Water	Miles Water (m <sup>3</sup> )	3,235.00	3,414.00	2,792.00	1,072.00	2,724.25	152.00	103.00	193.00	0.00	84.00	604.00	2,440.00	<b>16,723.25</b>
	Miles Water (kg CO <sub>2</sub> e)	482.00	568.00	452.00	159.75	405.91	22.80	15.30	28.76	0.00	11.52	90.00	343.00	<b>2,497.76</b>
	Ave. Consumption per guest night (m <sup>3</sup> )	0.31	0.32	0.29	0.13	2.26	0.00	0.00	0.00	0.00	0.00	0.30	0.24	<b>0.32</b>
	Wastewater (m <sup>3</sup> )	3,235.00	3,414.00	2,792.00	1,072.00	2,724.25	152.00	103.00	193.00	0.00	84.00	604.00	2,440.00	<b>16,723.25</b>
	Wastewater (kg CO <sub>2</sub> e)	879.82	928.61	734.94	291.58	741.00	41.34	28.82	52.50	0.00	22.85	164.29	661.68	<b>4,548.73</b>
	Total Water Emissions (kg CO <sub>2</sub> e)	1,361.80	1,487.29	1,137.34	451.31	1,146.91	69.99	43.86	81.25	0.00	33.86	234.28	5,027.24	<b>7,040.46</b>
Waste	Composted (kg CO <sub>2</sub> e)	15.23	14.50	9.67	11.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>94.62</b>
	Landfill (kg CO <sub>2</sub> e)	17,878.47	17,878.47	14,418.13	10,813.59	2,395.26	10,813.59	0.00	0.00	0.00	0.00	4,618.80	9,083.42	<b>77,281.14</b>
	Recycled Waste Emissions (kg CO <sub>2</sub> e)	0.00	0.00	0.00	29.39	14.91	0.43	0.00	0.00	0.00	0.00	27.68	0.00	<b>72.41</b>
	Unknown (disposal method) (kg CO <sub>2</sub> e)	0.00	0.00	0.00	0.00	1,391.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>1,391.80</b>
	Total Solid Waste emissions (kg CO <sub>2</sub> e)	17,899.69	17,898.96	14,427.79	10,854.62	4,001.97	11.26	0.00	0.00	0.00	0.00	4,646.43	9,107.23	<b>78,839.97</b>

## **Preporučena poboljšanja**

Nadovezujući se na napore opisane u prethodnim odjeljcima koji se odnose na upravljanje energijom, vodom i otpadom, predlažemo razvoj i implementaciju poboljšanih komunikacijskih strategija kako bismo dodatno angažirali osoblje, goste i posjetitelje u podršci našim naporima za smanjenje emisija. Planovi uključuju organizaciju edukativnih radionica, distribuciju informativnih materijala i korištenje digitalnih platformi za podizanje svijesti. Ove strategije bit će sastavni dio našeg Plana održivosti za 2025. godinu, osiguravajući da svi dionici aktivno sudjeluju u postizanju naših ekoloških ciljeva. Pozivamo sve zainteresirane strane da daju svoje prijedloge i sugestije dok zajedno radimo prema održivijoj budućnosti.

## **Bioraznolikost**

Kao dio naših napora za održivost, također se fokusiramo na smanjenje upotrebe plastike za jednokratnu upotrebu u svakodnevnom poslovanju. Kako bismo podržali ovu inicijativu, posadili smo razne biljke začina u skladu s našim smjernicama za sadnju, čime obogaćujemo bioraznolikost područja i poboljšavamo cjelokupno okruženje za goste i osoblje. Uz to, osiguravamo da naša nabavna politika izbjegava štetne proizvode za osobnu njegu koji negativno utječu na okoliš i bioraznolikost.

Aktivno obavještavamo naše cijenjene goste o važnosti odabira ekološki prihvatljivih proizvoda tijekom boravka te ih pozivamo da doniraju organizacijama koje podržavaju bioraznolikost u ovom području. Zajedno možemo pomoći u zaštiti lokalnog ekosustava i promicati zdravije okruženje za sve.

## **Uključivanje u Lokalnu Zajednicu**

Hoteli TUI BLUE Makarska i TUI BLUE Adriatic Beach u Živogošću aktivno surađuju s lokalnom zajednicom kroz projekte koji promiču ekološki, socijalni i ekonomski razvoj. Ključni aspekt ove suradnje su redoviti sastanci s lokalnim predstavnicima kako bi se poboljšala turistička ponuda i infrastruktura. Godine 2023. donirali su 1.600,00 eura Dobrovoljnom vatrogasnom društvu Podgora, a 2024. godine još 378,79 eura, uz donacije hrane tijekom požara u kolovozu. Također su 2024. godine donirali 604,00 eura Vaterpolo klubu Igrane i 2.866,25 eura za ribarske večeri. Suradnja uključuje iznajmljivanje 46 kreveta od 10 lokalnih obitelji, podršku lokalnim proizvođačima te pružanje tehničke pomoći u hitnim situacijama, čime se kontinuirano jača lokalno gospodarstvo i očuvanje tradicije.

Informiramo naše goste o lokalnim događanjima, inicijativama i prilikama za podršku obližnjim poduzećima. Bilo da se radi o sudjelovanju na kulturnim festivalima, pridruživanju lokalnim projektima ili istraživanju domaćih proizvoda, potičemo goste da se uključe i dožive jedinstvene ponude ovog područja.

## **Zaštita Ljudskih Prava u hotelima TUI BLUE Adriatic Beach i TUI BLUE Makarska**

U hotelima TUI BLUE Adriatic Beach i TUI BLUE Makarska, jednakost, integritet i prihvaćanje različitosti temeljne su vrijednosti koje odražavaju predanost TUI Grupe stvaranju poštovanog i inkluzivnog radnog okruženja. Osiguravamo da se svi zaposlenici—bez obzira na nacionalnost, vjeru, spol, dob, seksualnu orijentaciju, rasu, politička uvjerenja ili invaliditet—osjećaju dobrodošlo i poštovano.

Tijekom 2024. godine ojačali smo ovu predanost uvođenjem sljedećih inicijativa:

- Događaj uživo o raznolikosti, jednakosti i inkluziji (DE&I) – Održan 8. svibnja sa zaposlenicima hotela TUI BLUE Adriatic Beach i TUI BLUE Makarska.
- Prezentacija "TUI Velika Slika" – Dio procesa uvođenja novih zaposlenika, s naglaskom na poštovanje i inkluzivnost za sve.
- Obuka o postupanju s pritužbama – Zaposlenici su informirani o svom pravu da prijave uznemiravanje i proceduri za to.
- Obuka o zaštiti ljudskih i dječjih prava – Edukacija osoblja o zaštiti ljudskih i dječjih prava.
- "TUI Putovnica Integriteta" – Zaposlenici su obučeni o smjernicama ponašanja u skladu s etičkim standardima TUI-a.
- Potičemo naše goste i posjetitelje da prijave sve zabrinutosti vezane za iskorištavanje i zlostavljanje djece izravno lokalnoj policiji. Naša aplikacija pruža jasne upute kako to učiniti.

Ovi napori osiguravaju sigurno, inkluzivno i poštovano okruženje za sve.

## **Dobrobit Životinja**

U našem hotelu posvećeni smo dobrobiti životinja i ne podržavamo niti sudjelujemo u aktivnostima koje iskorištavaju ili zlostavljaju životinje. Pružamo smjernice našim gostima o tome kako odgovorno postupati sa životinjama te potičemo donacije u svrhu podrške inicijativama za zaštitu životinja.